

Statistical Indicators

Summary Data

Table 1—Key Statistical Indicators of the Food & Fiber Sector

	1998				1999					
	1997	1998 F	1999 F	I	II	III	IV	I	II	III
Prices received by farmers (1990-92=100)	107	101	--	102	103	101	99	--	--	--
Livestock & products	98	96	--	94	96	97	97	--	--	--
Crops	116	107	--	110	112	104	101	--	--	--
Prices paid by farmers (1990-92=100)										
Production items	117	112	--	115	114	111	110	--	--	--
Commodities and services, interest, taxes, and wages	117	115	--	117	116	114	114	--	--	--
Cash receipts (\$ bil.)	209	198	198	49	43	48	58	47	43	49
Livestock	97	93	96	23	23	24	24	23	23	25
Crops	112	105	102	26	21	24	34	23	20	24
Market basket (1982-84=100)										
Retail cost	160	--	--	162	162	163	--	--	--	--
Farm value	106	--	--	102	104	103	--	--	--	--
Spread	189	--	--	194	194	195	--	--	--	--
Farm value/retail cost (%)	23	--	--	23	22	22	--	--	--	--
Retail Prices (1982-84=100)										
All food	157	161	164	160	160	161	162	163	164	164
At home	158	161	164	160	160	161	163	164	164	164
Away from home	157	161	165	160	161	162	163	164	165	166
Agricultural exports (\$ bil.) ¹	57.3	53.6	49.0	16.3	14.3	12.1	11.1	14.4	12.7	11.2
Agricultural imports (\$ bil.) ¹	35.8	37.0	38.0	9.2	9.8	9.4	8.7	9.2	9.4	9.4
Commercial production										
Red meat (mil. lb.)	43,209	45,136	44,316	11,038	11,015	11,380	11,703	11,297	11,088	11,036
Poultry (mil. lb.)	33,258	33,626	35,170	8,258	8,453	8,375	8,540	8,485	8,870	8,910
Eggs (mil. doz.)	6,473	6,657	6,820	1,645	1,644	1,658	1,710	1,680	1,685	1,705
Milk (bil. lb.)	156.6	157.9	160.6	39.2	40.9	38.7	39.1	39.9	41.5	39.5
Consumption, per capita										
Red meat and poultry (lb.)	208.6	214.9	216.1	51.7	52.3	54.0	56.8	53.8	53.7	53.8
Corn beginning stocks (mil. bu.) ²	425.9	883.2	1,307.8	883.2	7246.8	4,939.9	3,039.8	1,307.8	8050.22	--
Corn use (mil. bu.) ²	8,788.6	8,791.0	9,295.0	2,845.4	2,307.8	1,903.7	1,734.0	3022.693	--	--
Prices ³										
Choice steers--Neb. Direct (\$/cwt)	66.32	61.48	63-68	61.73	64.16	58.97	61.06	62-64	64-68	63-69
Barrows and gilts--IA, So. MN (\$/cwt)	51.40	31.67	33-35	34.62	39.34	33.22	19.48	25-27	32-34	36-38
Broilers--12-city (cents/lb.)	58.80	63.10	57-61	56.40	61.00	70.40	64.50	57-59	57-61	58-62
Eggs--NY gr. A large (cents/doz.)	81.20	75.80	70-75	79.00	66.50	76.00	81.70	75-77	63-67	67-73
Milk--all at plant \$/cwt)	13.34	15.38	14.05-	14.60	13.73	15.37	17.83	16.55-	13.00-	12.55-
					14.75			16.85	13.60	13.45
Wheat--KC HRW ordinary (\$/bu.)	4.16	3.27	--	3.62	3.32	2.86	--	--	--	--
Corn--Chicago (\$/bu.)	2.78	2.41	--	2.72	2.49	2.03	--	--	--	--
Soybeans--Chicago (\$/bu.)	7.63	6.01	--	6.68	6.39	5.53	5.44	--	--	--
Cotton--avg. spot 41-34 (cents/lb)	69.89	67.02	--	64.48	66.86	72.60	64.15	--	--	--
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Farm real estate values ⁴										
Nominal (\$ per acre)	668	683	703	713	736	782	832	890	945	1,000
Real (1982 \$)	539	528	521	507	511	529	550	574	598	620

F = Forecast. -- = Not available. 1. Annual data based on Oct.-Sept. fiscal years ending with year indicated. 2. Sept.-Nov. first quarter;

Dec.-Feb. second quarter; Mar.-May third quarter; Jun.-Aug. fourth quarter; Sept.-Aug. annual. Use includes exports and domestic disappearance. 3. Simple averages, Jan.-Dec. 4. 1990-98 values as of January 1. 1989 values as of February 1.

U.S. & Foreign Economic Data

Table 2—U.S. Gross Domestic Product & Related Data

	1997				1998					
	1996	1997	1998	II	III	IV	I	II	III	IV
<i>Billions of current dollars (quarterly data seasonally adjusted at annual rates)</i>										
Gross Domestic Product	7,636.0	8,110.9	8,508.9	8,063.4	8,170.8	8,254.5	8,384.2	8,440.6	8,537.9	8,672.8
Gross National Product	7,674.0	8,102.9	--	8,062.3	8,162.0	8,234.9	8,369.4	8,421.8	8,510.9	--
Personal consumption expenditures	5,207.6	5,493.7	5,806.0	5,438.8	5,540.3	5,593.2	5,676.5	5,773.7	5,846.7	5,927.1
Durable goods	634.5	673.0	723.5	659.9	681.2	682.2	705.1	720.1	718.9	749.8
Nondurable goods	1,534.7	1,600.6	1,662.0	1,588.2	1,611.3	1,613.2	1,633.1	1,655.2	1,670.0	1,689.5
Food	756.1	780.9	814.2	775.8	785.3	787.1	796.9	810.2	818.7	831.1
Clothing and shoes	264.3	278.0	293.7	275.6	280.9	280.7	291.0	295.3	293.7	294.9
Services	3,038.4	3,220.1	3,420.5	3,190.7	3,247.9	3,297.8	3,338.2	3,398.4	3,457.7	3,487.8
Gross private domestic investment	1,116.5	1,256.0	1,369.2	1,259.9	1,265.7	1,292.0	1,366.6	1,345.0	1,364.4	1,400.9
Fixed investment	1,090.7	1,188.6	1,308.8	1,176.4	1,211.1	1,220.1	1,271.1	1,305.8	1,307.5	1,350.9
Change in business inventories	25.9	67.4	60.4	83.5	54.6	71.9	95.5	39.2	57.0	50.0
Net exports of goods and services	-94.8	-93.4	-154.1	-86.8	-94.7	-98.8	-123.7	-159.3	-165.5	-167.8
Government consumption expenditures and gross investment	1,406.7	1,454.6	1,487.8	1,451.5	1,459.5	1,468.1	1,464.9	1,481.2	1,492.3	1,512.6
<i>Billions of 1992 dollars (quarterly data seasonally adjusted at annual rates)¹</i>										
Gross Domestic Product	6,928.4	7,269.8	7,549.9	7,236.5	7,311.2	7,364.6	7,464.7	7,498.6	7,566.5	7,670.0
Gross National Product	7,008.4	7,266.2	--	7,239.3	7,307.0	7,350.7	7,455.2	7,485.9	7,546.7	--
Personal consumption expenditures	4,714.1	4,913.5	5,151.2	4,872.7	4,947.0	4,981.0	5,055.1	5,130.2	5,181.8	5,237.8
Durable goods	611.1	668.6	735.9	653.8	679.6	684.8	710.3	729.4	733.7	770.1
Nondurable goods	1,432.3	1,486.3	1,543.1	1,477.1	1,495.7	1,494.3	1,521.2	1,540.9	1,549.1	1,561.4
Food	689.7	699.3	717.0	697.3	700.6	699.9	706.8	716.3	718.9	726.1
Clothing and shoes	267.7	288.4	310.3	283.3	291.9	292.3	307.4	311.4	309.8	312.5
Services	2,671.0	2,761.5	2,879.4	2,743.6	2,775.4	2,804.8	2,829.3	2,866.8	2,904.8	2,916.8
Gross private domestic investment	1,069.1	1,206.4	1,332.4	1,211.3	1,215.8	1,241.9	1,321.8	1,306.5	1,331.6	1,369.8
Fixed investment	1,041.7	1,138.0	1,268.9	1,127.0	1,159.3	1,169.5	1,224.9	1,264.1	1,270.9	1,315.6
Change in business inventories	25.0	63.2	58.5	79.0	51.0	66.5	91.4	38.2	55.7	48.9
Net exports of goods and services	-114.4	-136.1	-241.4	-131.6	-142.4	-149.0	-198.5	-245.2	-259.0	-262.9
Government consumption expenditures and gross investment	1,257.9	1,285.0	1,297.5	1,284.4	1,288.9	1,289.2	1,283.0	1,294.8	1,299.6	1,312.7
GDP implicit price deflator (% change)	1.9	1.9	1.0	1.6	1.2	1.2	0.8	0.9	1.0	0.8
Disposable personal income (\$ bil.)	5,534.7	5,795.1	6,025.5	5,767.9	5,821.8	5,879.4	5,937.1	5,988.9	6,052.4	6,123.6
Disposable pers. income (1992 \$ bil.)	5,043.0	5,183.1	5,346.1	5,167.5	5,198.4	5,235.8	5,287.1	5,321.5	5,364.1	5,411.5
Per capita disposable pers. income (\$)	20,840	21,633	22,299	21,558	21,709	21,871	22,046	22,192	22,373	22,584
Per capita disp. pers. income (1992 \$)	18,989	19,349	19,785	19,315	19,385	19,478	19,632	19,719	19,829	19,958
U.S. resident population plus Armed Forces overseas (mil.) ²	265.5	267.9	270.3	267.5	268.1	268.9	269.3	269.9	270.5	271.2
Civilian population (mil.) ²	263.9	266.4	268.8	266.0	266.6	267.3	267.8	268.4	269.0	269.7
	Annual			1997				1998		
	1996	1997	1998	Dec	Jul	Aug	Sep	Oct	Nov	Dec
<i>Monthly data seasonally adjusted</i>										
Total industrial production (1992=100)	121.4	129.7	135.1	133.7	133.6	135.7	135.2	136.3	136.5	136.7
Leading economic indicators (1992=100)	102.1	103.9	106.5	104.6	105.6	105.7	105.6	105.7	106.2	106.5
Civilian employment (mil. persons) ³	126.7	129.6	131.5	130.8	131.2	131.3	131.8	131.9	132.1	132.5
Civilian unemployment rate (%) ³	5.4	4.9	4.5	4.7	4.5	4.5	4.5	4.5	4.4	4.3
Personal income (\$ bil. annual rate)	6,425.2	6,784.0	7,123.6	6,928.3	7,133.7	7,164.1	7,184.6	7,215.2	7,245.1	7,283.5
Money stock-M2 (daily avg.) (\$ bil.) ⁴	3,823.9	4,046.6	4,412.9	4,046.4	4,217.2	4,245.7	4,292.3	4,335.7	4,375.2	4,412.9
Three-month Treasury bill rate (%)	5.02	5.07	4.81	5.16	4.96	4.94	4.74	4.08	4.44	4.42
AAA corporate bond yield (Moody's) (%)	7.37	7.26	6.53	6.76	6.55	6.52	6.40	6.37	6.41	6.22
Total housing starts (1,000) ⁵	1,476.8	1,474.0	1,615.6	1,540	1,704	1,621	1,569	1,693	1,662	1,720
Business inventory/sales ratio ⁶	1.40	1.38	--	1.38	1.38	1.39	1.39	1.39	1.39	--
Sales of all retail stores (\$ bil.) ⁷	2,465.1	2,546.3	--	216.9	224.2	224.3	225.1	227.9	229.5	231.7
Nondurable goods stores (\$ bil.)	1,457.8	1,505.4	--	126.2	131.0	131.0	131.1	131.9	132.7	133.1
Food stores (\$bil.)	424.2	432.1	--	36.0	37.0	37.2	37.2	37.4	37.5	37.9
Apparel and accessory stores (\$ bil.)	113.0	116.8	--	10.0	10.5	10.4	10.1	10.3	10.4	10.4
Eating and drinking places (\$ bil.)	238.4	244.1	--	19.9	20.4	20.4	20.7	21.1	21.3	21.4

-- = Not available. 1. In April 1996, 1992 dollars replaced 1987 dollars. 2. Population estimates based on 1990 census. 3. Data beginning January 1994 are not directly comparable with data for earlier periods because of a major redesign of household survey questionnaire. 4. Annual data as of December of year listed. 5. Private, including farm. 6. Manufacturing and trade. 7. Annual total. Information contact: David Johnson (202) 694-5324

Table 3—World Economic Growth

	Calendar year									
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	Real GDP, annual percent change									
World	1.9	1.9	1.6	3.2	2.8	3.6	3.5	2.0	2.0	2.6
less U.S.	2.9	1.6	1.3	3.1	2.9	3.6	3.3	1.3	1.5	3.2
Developed Economies	1.7	1.6	0.8	2.8	2.2	3.0	2.9	2.0	1.9	2.0
less U.S.	3.1	1.0	0.0	2.5	2.1	2.8	2.4	1.1	1.2	2.6
United States	-0.9	2.7	2.3	3.5	2.3	3.4	3.9	3.9	3.2	1.0
Canada	-1.9	0.9	2.3	4.7	2.6	1.2	3.8	2.8	2.6	3.3
Japan	3.8	1.0	0.3	0.7	1.4	5.2	1.4	-3.1	-0.9	2.4
Australia	-1.1	2.5	3.5	5.5	3.7	3.9	3.9	4.5	2.3	3.3
European Union	3.7	1.0	-0.6	3.0	2.4	1.8	2.7	2.8	2.0	2.5
Transition Economies	-6.9	-11.2	-6.5	-8.8	-1.5	-2.2	1.0	-2.3	-7.3	1.7
Eastern Europe	-10.6	-4.0	0.8	3.5	5.5	3.1	1.7	2.4	2.3	3.7
Poland	-6.3	2.0	3.8	4.2	7.1	5.9	7.0	5.9	4.5	5.0
Former Soviet Union	-5.5	-13.7	-9.3	-13.9	-5.1	-5.1	0.5	-5.3	-13.8	0.0
Russia	-5.0	-14.5	-8.7	-12.6	-4.1	-4.9	0.8	-5.8	-15.0	-0.2
Developing Economies	4.8	6.3	6.3	6.7	5.7	6.3	5.8	2.2	3.2	4.7
Asia	6.6	8.9	8.7	9.4	8.7	7.9	6.7	2.3	4.4	5.8
East Asia	8.8	10.9	10.7	10.7	9.3	8.4	7.8	4.6	6.4	6.6
China	9.3	14.2	13.5	12.6	10.5	9.6	8.8	7.8	8.0	7.4
Taiwan	7.5	6.8	6.3	6.5	6.0	5.7	6.8	4.9	4.0	5.1
Korea	9.2	5.1	5.8	8.6	9.0	7.1	5.5	-5.8	3.0	4.8
Southeast Asia	6.8	6.9	7.4	8.1	8.5	7.3	4.9	-6.7	-1.7	4.1
Indonesia	8.9	7.2	7.2	7.5	8.2	7.6	5.1	-14.7	-6.9	4.3
Malaysia	8.8	7.8	8.4	9.4	9.5	8.0	7.8	-6.6	-0.6	5.7
Philippines	-0.2	0.3	2.1	4.4	4.8	5.7	5.1	-0.1	-1.3	2.7
Thailand	8.0	8.1	8.3	8.8	9.2	6.4	-0.4	-8.0	0.5	4.0
South Asia	1.2	5.6	4.6	7.0	6.9	7.1	5.1	3.7	3.1	4.4
India	0.5	5.4	4.9	7.5	7.3	7.5	5.4	4.0	3.5	4.7
Pakistan	5.5	7.8	1.9	3.9	5.1	4.6	3.0	2.0	1.0	2.5
Latin America	3.8	3.0	3.9	5.1	0.1	3.4	5.0	2.0	0.2	2.3
Mexico	4.2	3.6	2.0	4.5	-6.3	5.2	7.0	4.7	2.2	2.6
Caribbean/Central	4.2	7.9	4.9	3.8	3.1	3.3	0.7	4.0	3.6	2.3
South America	3.6	2.7	4.5	5.3	1.8	3.0	4.7	1.2	-0.4	2.3
Argentina	8.9	8.6	6.0	7.4	-4.6	4.4	8.2	4.2	1.8	3.0
Brazil	0.5	-1.2	4.5	5.8	3.0	2.9	2.9	-0.1	-2.6	1.0
Colombia	2.3	4.0	5.5	5.9	5.3	2.0	3.0	2.3	1.6	3.5
Venezuela	9.7	6.1	0.3	-2.9	3.4	-1.6	6.4	-3.0	0.0	4.0
Middle East	2.9	5.5	3.5	0.3	3.5	4.5	3.9	1.2	1.7	3.5
Israel	7.7	5.6	5.6	6.9	7.0	4.6	2.3	1.5	1.8	2.8
Saudi Arabia	8.4	2.8	-0.6	0.5	0.5	2.4	0.9	-1.0	0.5	2.0
Turkey	0.9	6.0	8.0	-5.5	7.0	7.0	7.6	4.0	3.0	5.5
Africa	0.7	1.2	1.3	2.7	2.8	4.7	3.0	3.5	3.4	3.7
North Africa	1.0	2.2	0.1	2.8	2.4	5.6	2.4	4.9	4.3	4.1
Egypt	1.1	4.4	2.9	3.9	4.6	5.0	5.0	5.0	4.7	4.4
Sub-Saharan	0.5	0.3	2.5	2.6	3.2	4.0	3.6	2.2	2.5	3.4
South Africa	-1.0	-2.6	1.5	2.8	3.1	3.3	1.7	0.8	2.2	2.8
Consumer Prices, percent change										
Developed Economies	4.7	3.5	3.1	2.6	2.5	2.4	2.1	1.6	1.6	--
Transition Economies	95.8	656.6	609.3	268.4	124.1	41.4	27.9	21.0	30.2	--
Developing Economies	36.4	38.7	47.3	51.6	22.3	14.1	9.2	10.2	8.4	--
Asia	8.2	7.2	11.1	15.9	12.8	7.9	4.7	7.9	6.4	--
Latin America	129.0	151.4	208.5	208.3	35.9	20.8	13.9	10.3	8.3	--
Middle East	27.5	25.6	24.6	31.9	35.9	24.6	22.8	23.6	20.5	--
Africa	24.4	32.4	30.8	37.5	34.1	26.7	11.0	8.5	7.8	--

The last three years are either estimates or forecasts. Sources: Oxford Economic Forecasting; International Financial Statistics, IMF. Information contact: Andy Jerardo (202) 694-5323

Farm Prices

Table 4—Indexes of Prices Received & Paid by Farmers, U.S. Average

	Annual			1998					1999	
	1995	1996	1997	Jan	Aug	Sep	Oct	Nov	Dec	Jan
<i>1990-92=100</i>										
Prices received										
All farm products	102	112	107	103	101	99	99	100	99	98
All crops	112	126	115	110	104	101	100	102	100	98
Food grains	134	157	128	116	85	88	100	105	101	102
Feed grains and hay	112	146	117	113	91	86	85	86	89	89
Cotton	127	122	112	101	109	111	110	107	100	98
Tobacco	103	105	104	110	93	103	107	109	110	109
Oil-bearing crops	104	128	130	119	98	93	93	101	102	94
Fruit and nuts, all	100	118	109	80	142	131	126	119	99	101
Commercial vegetables	120	109	120	125	111	112	134	111	110	120
Potatoes and dry beans	107	114	93	99	93	89	82	89	93	93
Livestock and products	92	99	99	94	98	97	98	97	97	96
Meat animals	85	87	92	84	78	73	75	72	66	75
Dairy products	98	114	102	113	118	127	135	137	138	136
Poultry and eggs	107	120	114	105	132	128	127	124	120	114
Prices paid										
Commodities and services,										
interest, taxes, and wage rates	110	115	116	117	114	113	114	114	113	114
Production items	109	115	116	116	111	110	110	110	110	111
Feed	104	130	122	117	101	96	95	96	96	97
Livestock and poultry	82	75	93	94	83	80	85	86	85	90
Seeds	110	115	119	120	123	123	123	123	123	123
Fertilizer	120	124	121	115	112	111	110	108	107	105
Agricultural chemicals	115	119	121	123	122	122	123	122	122	122
Fuels	94	105	103	99	83	86	86	83	72	62
Supplies and repairs	112	115	117	118	119	119	120	120	120	120
Autos and trucks	107	108	109	119	118	118	118	119	119	120
Farm machinery	120	125	128	130	132	132	133	133	133	133
Building material	114	115	118	118	119	118	118	118	118	118
Farm services	118	118	118	116	117	117	116	116	116	116
Rent	116	119	119	124	124	124	124	124	124	130
Int. payable per acre on farm real estate debt	101	105	106	108	108	108	108	108	108	111
Taxes payable per acre on farm real estate	109	112	115	119	119	119	119	119	119	122
Wage rates (seasonally adjusted)	114	117	123	131	125	125	131	131	131	131
Production items, interest, taxes, and wage rates	109	114	116	117	113	111	112	112	112	113
Ratio, prices received to prices paid (%)*	93	98	92	88	89	88	87	88	88	86
Prices received (1910-14=100)	647	712	679	653	643	630	630	633	626	620
Prices paid, etc. (parity index) (1910-14=100)	1,437	1,504	1,527	1,561	1,519	1,507	1,517	1,516	1,511	1,522
Parity ratio (1910-14=100) (%)*	45	47	45	42	42	42	42	42	41	41

Values for two most recent months are revised or preliminary. *Ratio of index of prices received for all farm products to index of prices paid for commodities and services, interest, taxes, and wage rates. Ratio uses the most recent prices paid index. Data for this table is taken from the publication *Agricultural Prices*, which is produced monthly by USDA's National Agricultural Statistics Service (NASS) and is available at <http://jan.mannlib.cornell.edu/reports/nassr/price/pap-bb>. For historical data or for categories not listed here, call the National Agricultural Statistics Service (NASS) Information Hotline at 1-800-727-9540, or access the NASS Home Page at <http://www.usda.gov/nass>.

Table 5—Prices Received by Farmers, U.S. Average

	Annual ¹			1998					1999	
	1995	1996	1997	Jan	Aug	Sep	Oct	Nov	Dec	Jan
Crops										
All wheat (\$/bu.)	4.55	4.30	3.45	3.32	2.39	2.41	2.79	2.97	2.87	2.86
Rice, rough (\$/cwt)	9.15	9.96	9.64	9.57	8.95	9.35	9.25	8.98	9.06	9.12
Corn (\$/bu.)	3.24	2.71	2.60	2.56	1.90	1.83	1.91	1.93	2.01	2.01
Sorghum (\$/cwt)	5.69	4.17	4.00	4.02	3.32	2.91	2.96	3.05	2.98	3.01
All hay, baled (\$/ton)	82.20	95.80	102.50	94.70	88.50	86.50	85.20	81.40	78.40	78.80
Soybeans (\$/bu.)	6.72	7.35	6.50	6.69	5.43	5.25	5.18	5.40	5.37	5.22
Cotton, upland (¢/lb.)	75.40	69.30	66.90	61.10	66.20	67.10	66.40	65.10	60.70	59.10
Potatoes (\$/cwt)	6.77	4.93	5.68	5.55	5.30	4.92	4.47	4.81	5.20	5.24
Lettuce (\$/cwt) ²	23.50	14.70	17.30	19.00	16.20	14.00	21.30	9.82	11.90	9.59
Tomatoes fresh (\$/cwt) ²	25.80	28.00	33.00	31.10	20.40	27.20	43.10	42.90	45.00	63.40
Onions (\$/cwt)	11.10	10.60	12.60	13.20	15.10	12.90	12.70	13.90	16.00	16.90
Beans, dry edible (\$/cwt)	20.80	23.50	17.70	21.10	19.80	19.30	19.60	20.80	20.50	19.50
Apples for fresh use (¢/lb.)	24.00	20.80	22.20	21.90	19.00	22.70	22.80	17.90	15.20	15.90
Pears for fresh use (\$/ton)	272.00	376.00	276.00	269.00	457.00	420.00	479.00	398.00	354.00	373.00
Oranges, all uses (\$/box) ³	4.23	5.01	4.57	3.15	5.37	4.97	5.42	5.87	4.74	5.15
Grapefruit, all uses (\$/box) ³	2.30	2.43	1.74	1.01	6.01	11.09	3.88	3.19	2.70	1.80
Livestock										
Cattle, all beef (\$/cwt)	61.80	58.70	63.10	62.50	57.40	56.10	58.00	58.10	56.80	59.00
Calves (\$/cwt)	73.10	58.40	78.90	86.60	76.90	74.10	75.70	77.50	80.20	81.90
Hogs, all (\$/cwt)	40.50	51.90	52.90	36.00	35.10	29.50	27.40	18.70	14.70	25.70
Lambs (\$/cwt)	78.20	88.20	90.30	78.40	79.90	71.40	67.30	62.20	64.50	--
All milk, sold to plants (\$/cwt)	12.78	14.75	13.36	14.70	15.40	16.60	17.60	17.90	18.00	17.70
Milk, manuf. grade (\$/cwt)	11.79	13.43	12.17	13.50	14.60	15.40	16.70	17.30	17.40	16.10
Broilers, live (¢/lb.)	34.40	38.10	37.70	33.10	46.90	45.90	43.90	41.50	39.00	37.90
Eggs, all (¢/doz.) ⁴	62.40	74.90	70.20	74.00	64.90	63.40	66.40	72.80	75.80	71.90
Turkeys (¢/lb.)	41.00	43.30	39.90	35.50	38.80	40.20	42.80	44.00	41.10	34.80

-- = Not available. Values for last two months revised or preliminary. 1. Season-average price by crop year for crops. Calendar year average of monthly prices for livestock. 2. Excludes Hawaii. 3. Equivalent on-tree returns. 4. Average of all eggs sold by producers including hatching eggs and eggs sold at retail. Data for this table is taken from the publication *Agricultural Prices*, which is produced monthly by USDA's National Agricultural Statistics Service (NASS) and is available at <http://jan.mannlib.cornell.edu/reports/nassr/price/pap-bb>. For historical data or for categories not listed here, call the National Agricultural Statistics Service (NASS) Information Hotline at 1-800-727-9540, or access the NASS Home Page at <http://www.usda.gov/nass>.

Producer & Consumer Prices

Table 6—Consumer Price Indexes for All Urban Consumers, U.S. Average (not seasonally adjusted)

	Annual			1998					1999	
	1996	1997	1998	Jan	Aug	Sep	Oct	Nov	Dec	Jan
<i>1982-84=100</i>										
Consumer Price Index, all items	156.9	160.5	163.0	161.6	163.4	163.6	164.0	164.0	163.9	164.3
CPI, all items less food	157.5	161.1	163.6	161.9	163.9	164.1	164.4	164.3	164.2	164.5
All food	153.3	157.3	160.7	159.9	161.0	161.1	162.0	162.1	162.3	163.6
Food away from home	152.7	157.0	161.1	159.2	161.5	162.1	162.3	162.6	163.0	163.5
Food at home	154.3	158.1	161.1	161.0	161.4	161.2	162.5	162.5	162.6	164.3
Meats ¹	140.2	144.4	141.6	143.2	142.2	141.6	141.3	141.4	140.2	139.4
Beef and veal	134.5	136.8	136.5	136.8	137.0	136.3	136.1	137.0	137.1	136.0
Pork	148.2	155.9	148.5	152.1	149.9	148.7	147.5	146.2	144.1	141.9
Poultry	152.4	156.6	157.1	155.1	158.9	159.3	161.1	159.6	159.3	158.5
Fish and seafood	173.1	177.1	181.7	180.7	183.5	181.5	183.1	183.1	183.7	183.6
Eggs	142.1	140.0	135.4	143.8	135.4	132.4	136.1	139.4	142.9	137.8
Dairy products ²	142.1	145.5	150.8	148.3	150.5	152.9	155.0	155.9	157.6	161.2
Fats and oils ³	140.5	141.7	146.9	140.5	149.7	152.4	156.8	155.1	151.9	150.5
Fresh fruits	234.4	236.3	246.5	240.2	248.7	247.6	251.8	249.6	258.7	267.4
Fresh vegetables	189.2	194.6	215.8	233.8	205.6	200.1	213.9	214.9	212.3	224.5
Potatoes	180.6	174.2	185.2	180.2	192.7	189.1	187.0	176.7	178.0	184.5
Cereals and bakery products	174.0	177.6	181.1	179.0	182.7	181.9	182.2	182.1	182.3	184.2
Sugar and sweets	143.7	147.8	150.2	150.3	150.2	150.8	150.5	149.6	150.1	151.7
Nonalcoholic beverages ⁴	128.6	133.4	133.0	134.1	132.0	132.2	132.6	132.7	131.7	133.5
Apparel										
Footwear	126.6	127.6	128.0	127.4	127.7	128.6	130.3	130.4	127.5	125.6
Tobacco and smoking products	232.8	243.7	274.8	253.8	273.7	283.5	284.9	281.3	331.2	354.2
Alcoholic beverages	158.5	162.8	165.7	164.6	165.7	166.3	166.6	166.8	167.2	167.6

1. Beef, veal, lamb, pork, and processed meat. 2. Included butter through Dec. '97. 3. Includes butter as of Jan. '98. 4. Includes fruit juices as of Jan. '98.

This table is compiled with data provided by the Bureau of Labor Statistics (BLS). BLS operates a website at <http://stats.bls.gov/blshome.html> and a Consumer Prices Information Hotline at (202) 606-7828.

Table 7—Producer Price Indexes, U.S. Average (not seasonally adjusted)

	Annual			1998				1999		
	1996	1997	1998	Jan	Aug	Sep	Oct	Nov	Dec	Jan
	1982=100									
All commodities	127.7	127.6	124.4	125.4	124.2	123.8	124.0	123.5	122.7	123.2
Finished goods ¹	131.3	131.8	130.6	130.3	130.7	130.6	131.4	130.8	131.0	131.5
All foods ²	132.5	132.8	132.4	130.9	133.3	133.5	133.7	133.0	132.3	133.6
Consumer foods	133.6	134.5	134.3	133.1	135.2	135.4	135.5	134.7	134.3	135.6
Fresh fruits and melons	100.8	99.4	90.0	89.2	91.8	92.3	91.7	85.4	86.6	103.6
Fresh and dry vegetables	135.0	123.1	139.5	143.1	116.4	130.8	148.4	124.5	137.9	124.4
Dried and dehydrated fruits	124.2	124.9	124.4	124.8	125.6	125.5	124.3	122.3	121.8	122.6
Canned fruits and juices	137.5	137.6	134.4	133.9	134.4	133.4	132.8	135.4	136.6	136.7
Frozen fruits, juices and ades	123.9	117.2	116.1	110.4	116.4	117.2	117.2	123.7	125.0	121.8
Fresh veg. except potatoes	120.9	121.3	137.9	133.1	114.9	135.0	161.9	131.2	148.1	131.9
Canned vegetables and juices	121.2	120.1	121.5	121.2	122.0	120.0	120.2	120.7	119.7	120.8
Frozen vegetables	125.4	125.8	125.4	125.2	125.6	125.3	126.0	125.6	125.1	125.6
Potatoes	133.9	106.1	122.5	116.5	106.5	147.5	126.0	120.7	120.7	132.3
Eggs for fresh use (1991=100)	105.1	97.1	90.1	98.3	91.3	88.9	92.0	100.3	102.9	94.0
Bakery products	169.8	173.9	175.8	175.3	175.9	175.9	176.2	176.3	176.7	177.4
Meats	109.0	111.6	101.4	102.4	104.6	100.0	98.1	97.3	95.6	100.0
Beef and veal	100.2	102.8	99.5	99.5	100.8	97.2	96.9	99.9	98.5	101.4
Pork	120.9	123.1	96.6	98.5	104.9	96.2	90.8	83.9	80.6	90.6
Processed poultry	119.8	117.4	120.7	113.6	128.4	129.4	126.0	122.0	117.1	114.9
Unprocessed and packaged fish	165.9	178.1	183.0	187.4	179.8	178.7	181.3	185.4	174.9	184.7
Dairy products	130.4	128.1	138.1	130.1	140.1	145.7	148.0	148.6	148.5	149.0
Processed fruits and vegetables	127.6	126.4	125.8	124.8	126.2	125.2	125.2	126.6	126.7	126.8
Shortening and cooking oil	138.5	137.8	143.4	140.0	149.0	151.0	142.7	143.5	148.2	--
Soft drinks	134.0	133.2	134.8	134.4	134.7	134.8	135.0	134.7	134.9	135.4
Finished consumer goods less foods	127.6	128.2	126.4	126.1	126.4	126.3	127.1	126.3	126.9	127.5
Alcoholic beverages	132.8	135.1	135.2	135.1	134.8	134.7	135.0	136.4	136.4	136.8
Apparel	125.1	125.7	126.6	126.6	126.5	126.9	126.7	126.6	126.7	126.8
Footwear	141.6	143.7	144.7	144.5	144.6	144.7	144.7	144.9	145.2	145.2
Tobacco products	237.4	248.9	283.4	257.5	286.4	287.4	287.4	288.1	363.9	363.0
Intermediate materials ³	125.8	125.6	123.0	124.2	123.2	122.9	122.3	121.8	121.1	121.2
Materials for food manufacturing	125.3	123.2	123.1	119.9	124.6	125.1	125.3	125.3	123.9	124.6
Flour	136.8	118.7	109.2	109.5	104.3	103.3	109.1	110.4	107.1	106.8
Refined sugar ⁴	123.7	123.6	119.8	119.4	119.5	120.3	119.9	119.6	119.7	118.5
Crude vegetable oils	118.1	116.6	131.1	126.1	127.9	131.2	124.3	131.0	121.5	123.7
Crude materials ⁵	113.8	111.1	96.7	101.7	94.3	92.1	93.9	92.9	88.8	90.9
Foodstuffs and feedstuffs	121.5	112.2	103.8	105.5	103.3	101.3	103.4	102.4	97.2	101.6
Fruits and vegetables and nuts ⁶	122.5	115.5	117.2	118.0	108.9	114.9	121.5	109.3	115.6	120.6
Grains	151.1	111.2	93.4	104.4	82.5	76.3	84.6	88.5	87.7	87.0
Slaughter livestock	95.2	96.3	82.3	85.6	82.1	79.0	78.7	74.9	67.3	79.3
Slaughter poultry, live	140.5	131.0	141.4	116.9	167.8	164.1	161.8	151.4	136.2	129.5
Plant and animal fibers	129.4	117.0	110.4	104.1	115.8	117.8	112.6	110.9	97.7	93.5
Fluid milk	107.9	97.5	112.6	105.9	115.8	123.3	126.2	130.6	133.5	130.4
Oilseeds	139.4	140.8	114.4	123.9	104.6	101.0	103.0	108.8	105.5	103.2
Leaf tobacco	89.4	--	104.6	112.9	95.2	105.2	109.6	106.4	112.6	112.4
Raw cane sugar	118.6	116.8	117.2	116.6	118.2	118.2	115.6	116.5	117.9	119.0

-- = Not available. 1. Commodities ready for sale to ultimate consumer. 2. Includes all raw, intermediate, and processed foods (excludes soft drinks, alcoholic beverages, and manufactured animal feeds). 3. Commodities requiring further processing to become finished goods. 4. All types and sizes of refined sugar.

5. Products entering market for the first time that have not been manufactured at that point. 6. Fresh and dried.

This table is compiled with data provided by the Bureau of Labor Statistics (BLS). BLS operates a website at <http://stats.bls.gov/blshome.html> and a Producer Prices Information Hotline at (202) 606-7705.

Farm-Retail Price Spreads

Table 8—Farm-Retail Price Spreads

	Annual			1997			1998				
	1995	1996	1997	Dec	Jul	Aug	Sep	Oct	Nov	Dec	
Market basket¹											
Retail cost (1982-84=100)	149.4	155.9	159.7	161.0	162.6	163.4	163.2	164.8	164.7	165.6	
Farm value (1982-84=100)	102.7	111.1	106.2	105.5	102.6	103.1	104.7	106.3	104.2	101.4	
Farm-retail spread (1982-84=100)	174.6	180.1	188.6	191.0	194.9	195.9	194.7	196.3	197.3	200.2	
Farm value-retail cost (%)	24.1	24.9	23.3	22.9	22.1	22.1	22.5	22.6	22.2	21.4	
Meat products											
Retail cost (1982-84=100)	135.5	140.1	144.4	143.4	141.8	142.2	141.6	141.3	141.4	140.2	
Farm value (1982-84=100)	93.8	100.4	101.2	94.8	89.1	85.4	81.3	79.3	76.9	70.7	
Farm-retail spread (1982-84=100)	178.2	180.9	188.6	193.3	195.9	200.4	203.5	204.9	207.6	211.5	
Farm value-retail cost (%)	35.1	36.3	35.5	33.5	31.8	30.4	29.1	28.4	27.6	25.5	
Dairy products											
Retail cost (1982-84=100)	132.8	142.1	145.5	147.8	148.2	150.5	152.9	155.0	155.9	157.6	
Farm value (1982-84=100)	92.2	107.2	98.0	104.0	103.2	113.9	125.4	126.2	125.6	127.1	
Farm-retail spread (1982-84=100)	170.3	174.3	189.3	188.2	189.7	184.3	178.3	181.6	183.8	185.7	
Farm value-retail cost (%)	33.3	36.2	32.3	33.8	33.4	36.3	39.3	39.1	38.7	38.7	
Poultry											
Retail cost (1982-84=100)	143.5	152.4	156.6	155.2	156.6	158.9	159.3	161.1	159.6	159.3	
Farm value (1982-84=100)	113.7	126.2	120.6	105.7	135.3	145.9	143.9	139.7	133.8	125.6	
Farm-retail spread (1982-84=100)	177.7	182.6	198.1	212.2	181.2	173.9	177.1	185.7	189.3	198.1	
Farm value-retail cost (%)	42.4	44.3	41.2	36.4	46.2	49.1	48.3	46.4	44.9	42.2	
Eggs											
Retail cost (1982-84=100)	120.5	142.1	140.0	151.1	127.5	135.4	132.4	136.1	139.4	142.9	
Farm value (1982-84=100)	91.1	114.7	99.3	116.9	74.2	88.3	85.2	91.4	104.9	108.1	
Farm-retail spread (1982-84=100)	173.2	191.4	213.0	212.6	223.2	220.0	217.1	216.3	201.5	205.4	
Farm value-retail cost (%)	48.6	51.9	45.6	49.7	37.4	41.9	41.4	43.2	48.3	48.6	
Cereal and bakery products											
Retail cost (1982-84=100)	167.5	174.0	177.6	178.4	181.8	182.7	181.9	182.2	182.1	182.3	
Farm value (1982-84=100)	110.1	125.6	107.7	103.8	88.7	84.8	85.6	92.4	95.6	95.0	
Farm-retail spread (1982-84=100)	175.5	180.7	187.4	188.8	194.8	196.4	195.3	194.7	194.2	194.5	
Farm value-retail cost (%)	8.1	7.2	7.4	7.1	6.0	5.7	5.8	6.2	6.4	6.4	
Fresh fruit											
Retail cost (1982-84=100)	226.9	243.0	245.1	250.1	255.7	259.2	260.6	265.9	262.7	283.5	
Farm value (1982-84=100)	136.2	151.7	137.0	159.0	132.3	136.0	152.3	158.9	140.6	138.5	
Farm-retail spread (1982-84=100)	268.7	285.2	295.0	292.1	312.7	316.0	310.6	315.3	319.1	350.4	
Farm value-retail cost (%)	19.0	19.7	17.7	20.1	16.3	16.6	18.5	18.9	16.9	15.4	
Fresh vegetables											
Retail cost (1982-84=100)	193.1	189.2	194.6	205.2	214.0	205.6	200.1	213.9	214.9	212.3	
Farm value (1982-84=100)	130.1	113.3	118.7	122.7	134.3	104.2	103.0	132.4	123.1	120.6	
Farm-retail spread (1982-84=100)	225.5	228.3	233.6	247.6	255.0	257.7	250.0	255.8	262.1	259.4	
Farm value-retail cost (%)	22.9	20.3	20.7	20.3	21.3	17.2	17.5	21.0	19.5	19.3	
Processed fruits and vegetables											
Retail cost (1982-84=100)	137.5	144.4	147.9	147.2	151.8	152.5	152.1	151.6	150.7	150.4	
Farm value (1982-84=100)	120.5	121.5	115.9	115.1	114.0	113.3	115.1	115.2	115.6	116.0	
Farm-retail spread (1982-84=100)	142.8	151.6	157.9	157.2	163.6	164.7	163.7	163.0	161.7	161.1	
Farm value-retail cost (%)	20.8	20.0	18.6	18.6	17.9	17.7	18.0	18.1	18.2	18.3	
Fats and oils											
Retail cost (1982-84=100)	137.3	140.5	141.7	140.3	147.6	149.7	152.4	156.8	155.1	151.9	
Farm value (1982-84=100)	121.3	112.3	109.4	114.3	114.9	112.9	120.5	117.5	117.8	111.5	
Farm-retail spread (1982-84=100)	143.1	150.9	153.6	149.9	159.6	163.2	164.1	171.3	168.8	166.8	
Farm value-retail cost (%)	23.8	21.5	20.8	21.9	20.9	20.3	21.3	20.1	20.4	19.7	

See footnotes at end of table, next page.

Table 8—Farm-Retail Price Spreads (continued)

	1996	1997	1998	Jan	Aug	Sep	Oct	Nov	Dec	Jan
Beef, All Fresh Retail Price (cts/lb)	252.4	253.8	253.3	253.2	255.1	250.0	251.9	252.9	253.8	253.5
Beef, Choice										
Retail price (cents/lb.) ²	280.2	279.5	277.1	275.3	279.4	274.2	275.0	280.0	283.6	279.1
Wholesale value (cents) ³	158.1	158.2	153.8	154.2	160.6	153.2	156.4	158.1	150.4	156.3
Net farm value (cents) ⁴	134.9	137.2	130.8	135.8	126.1	124.6	130.9	131.5	125.5	130.1
Farm-retail spread (cents)	145.3	142.3	146.3	139.5	153.3	149.6	144.1	148.5	158.1	149.0
Wholesale-retail (cents) ⁵	122.1	121.3	123.3	121.1	118.8	121.0	118.6	121.9	133.2	122.8
Farm-wholesale (cents) ⁶	23.2	21.0	23.0	18.4	34.5	28.6	25.5	26.6	24.9	26.2
Farm value-retail price (%)	48	49	47	49	45	45	48	47	44	47
Pork										
Retail price (cents/lb.) ²	233.7	245.0	242.7	248.4	245.0	244.7	242.2	241.0	238.1	233.4
Wholesale value (cents) ³	123.2	123.1	97.3	101.1	100.9	96.2	93.3	84.6	81.1	95.6
Net farm value (cents) ⁴	99.4	95.3	61.2	67.5	66.9	56.4	52.1	35.0	29.3	50.7
Farm-retail spread (cents)	134.3	149.6	181.5	180.9	178.1	188.3	190.1	206.0	208.8	182.7
Wholesale-retail (cents) ⁵	110.5	121.9	145.4	147.3	144.1	148.5	148.9	156.4	157.0	137.8
Farm-wholesale (cents) ⁶	23.8	27.7	36.1	33.6	34.0	39.8	41.2	49.6	51.8	44.9
Farm value-retail price (%)	43	39	25	27	27	23	22	15	12	22

1. Retail costs are based on CPI-U of retail prices for domestically produced farm foods, published monthly by the Bureau of Labor Statistics (BLS).

Farm value is the payment for the quantity of farm equivalent to the retail unit, less allowance for by-product. Farm values are based on prices at first point of sale, and may include marketing charges such as grading and packing for some commodities. The farm-retail spread, the difference between the retail price and farm value, represents charges for assembling, processing, transporting, distributing. 2. Weighted-average price of retail cuts from pork and Choice yield grade 3 beef. Prices from BLS. 3. Value of wholesale (boxed beef) and wholesale cuts (pork) equivalent to 1 lb. of retail cuts adjusted for transportation costs and by-product values. 4. Market value to producer for live animal equivalent to 1 lb. of retail cuts, minus value of by-products. 5. Charges for retailing and other marketing services such as wholesaling, and in-city transportation. 6. Charges for livestock marketing, processing, and transportation. *Information contact: Veronica Jones (202) 694-5387, Larry Duewer (202) 694-5172*

Note: Pork price and spread procedures have been revised (January 1999) and historical data made consistent with the updated series.

For the complete updated series call Larry Duewer.

Table 9—Price Indexes of Food Marketing Costs

	Annual			1997				1998			
	1995	1996	1997	II	III	IV	I	II	III	IV	
1987=100*											
Labor—hourly earnings											
and benefits	455.2	459.7	474.3	473.0	474.6	480.2	484.9	488.3	493.0	494.6	
Processing	472.5	474.7	486.0	484.9	487.1	490.5	493.8	497.7	500.7	504.8	
Wholesaling	502.2	516.0	536.2	534.1	538.9	545.4	546.8	552.5	555.4	554.9	
Retailing	417.1	419.9	435.2	434.1	433.6	441.1	448.7	450.6	457.8	459.6	
Packaging and containers	415.7	399.8	390.3	388.7	387.6	392.9	398.5	396.7	394.9	391.9	
Paperboard boxes and containers	392.1	363.8	341.9	335.4	334.7	350.3	365.4	368.7	366.8	359.8	
Metal cans	504.9	498.3	491.0	496.1	490.8	487.9	494.1	484.7	486.0	486.6	
Paper bags and related products	457.8	437.8	441.9	441.6	439.5	442.5	438.8	434.0	430.2	428.5	
Plastic films and bottles	330.6	326.5	326.6	325.3	326.9	327.5	326.7	325.0	321.0	318.5	
Glass containers	463.3	460.5	447.4	446.9	446.6	446.6	446.9	446.9	446.1	447.3	
Metal foil	263.1	235.7	233.4	232.0	237.2	236.4	231.8	232.6	232.6	230.9	
Transportation services	436.6	429.8	430.0	430.6	429.0	429.4	429.9	431.8	426.3	425.0	
Advertising	539.1	580.1	609.4	608.7	609.3	611.6	623.2	624.2	624.5	626.2	
Fuel and power	633.7	670.7	668.5	657.4	658.1	669.0	625.1	622.9	629.2	601.6	
Electric	511.3	501.3	499.2	499.0	517.7	491.5	482.2	489.3	511.8	485.0	
Petroleum	559.7	666.8	616.7	609.7	574.8	609.6	495.5	470.0	439.2	423.3	
Natural gas	1,091.7	1,136.7	1,214.0	1,165.7	1,179.7	1,249.4	1,229.4	1,242.1	1,268.5	1,217.7	
Communications, water and sewage	284.9	296.8	302.8	302.2	303.5	304.2	305.5	308.0	308.5	308.5	
Rent	269.0	268.2	265.6	265.6	265.1	265.1	262.5	260.4	260.4	265.1	
Maintenance and repair	486.1	499.6	514.9	513.0	517.3	519.7	524.1	527.1	531.1	535.1	
Business services	491.0	501.7	512.3	511.7	513.9	514.1	518.4	521.2	521.8	522.7	
Supplies	342.7	338.3	337.8	337.0	337.5	337.9	335.6	332.4	331.4	329.5	
Property taxes and insurance	546.8	564.3	580.1	577.3	582.2	587.3	591.1	595.4	600.7	606.1	
Interest, short-term	113.5	103.9	108.9	111.2	108.8	110.1	106.5	106.7	105.6	96.0	
Total marketing cost index	444.8	452.1	459.9	458.4	459.1	463.4	465.3	466.9	468.6	467.9	

Last two quarters preliminary. * Indexes measure changes in employee earnings and benefits and in prices of supplies used in processing, wholesaling, and retailing U.S. farm foods purchased for at-home consumption. *Information contact: Veronica Jones (202) 694-5387*

Livestock & Products

Table 10—U.S. Meat Supply & Use

	Beg. stocks	Produc- tion ¹	Imports	Total supply	Exports	Ending stocks	Consumption		Conversion factor ³	Primary market price ⁴								
							Total	Per capita ²										
<i>Million lbs.⁵</i>																		
Beef																		
1995	548	25,222	2,103	27,873	1,821	519	25,533	67	0.695	66								
1996	519	25,525	2,073	28,117	1,877	377	25,863	68	0.700	65								
1997	377	25,490	2,343	28,210	2,136	465	25,609	67	0.700	66								
1998	465	25,762	2,611	28,838	2,158	395	26,285	68	0.700	61.48								
1999	395	25,081	2,705	28,181	2,340	370	25,471	65	0.700	63-68								
Pork																		
1995	438	17,849	664	18,951	787	396	17,768	52	0.776	42								
1996	396	17,117	618	18,131	970	366	16,795	49	0.776	53								
1997	366	17,274	633	18,273	1,044	408	16,821	49	0.776	51								
1998	408	19,011	695	20,114	1,232	586	18,296	52	0.776	31.67								
1999	586	18,905	700	20,191	1,355	475	18,361	52	0.776	33-35								
Veal⁶																		
1995	7	319	0	326	0	7	319	1	0.83	75								
1996	7	378	0	385	0	7	378	1	0.83	59								
1997	7	334	0	341	0	8	333	1	0.83	82								
1998	8	262	0	270	0	5	265	1	0.83	82								
1999	5	253	0	258	0	6	252	1	0.83	87								
Lamb and mutton																		
1995	11	287	64	362	6	8	348	1	0.89	76								
1996	8	268	73	349	6	9	334	1	0.89	85								
1997	9	260	83	352	5	14	333	1	0.89	88								
1998	14	250	107	371	5	12	354	1	0.89	74								
1999	12	226	113	351	5	11	335	1	0.89	77								
Total red meat																		
1995	1,004	43,677	2,831	47,512	2,614	930	43,968	122	--	--								
1996	930	43,288	2,764	46,982	2,853	759	43,370	120	--	--								
1997	759	43,358	3,059	47,176	3,185	895	43,096	118	--	--								
1998	895	45,285	3,413	49,593	3,395	998	45,200	123	--	--								
1999	998	44,465	3,518	48,981	3,700	862	44,419	119	--	--								
<i>¢/lb</i>																		
Broilers																		
1995	458	24,827	1	25,287	3,894	560	20,832	69	0.869	56								
1996	560	26,124	4	26,688	4,420	641	21,626	71	0.869	61								
1997	641	27,041	5	27,687	4,664	607	22,416	73	0.869	59								
1998	607	27,584	5	28,196	4,516	712	22,968	73	0.869	63.10								
1999	712	29,116	4	29,832	4,425	750	24,657	78	0.869	57.61								
Mature chickens																		
1995	14	496	3	513	99	7	406	2	1.0	--								
1996	7	491	0	498	265	6	228	1	1.0	--								
1997	6	510	0	516	384	7	125	1	1.0	--								
1998	7	524	0	531	430	6	95	1	1.0	--								
1999	6	546	0	552	412	5	135	1	1.0	--								
Turkeys																		
1995	254	5,069	2	5,326	348	271	4,706	18	1.0	66								
1996	271	5,401	1	5,673	438	328	4,906	19	1.0	66								
1997	328	5,412	1	5,741	598	415	4,727	18	1.0	65								
1998	415	5,215	1	5,631	438	309	4,883	18	1.0	62.20								
1999	309	5,186	1	5,496	430	250	4,815	18	1.0	61-65								
Total poultry																		
1995	727	30,393	6	31,125	4,342	839	25,944	88	--	--								
1996	839	32,015	5	32,859	5,123	975	26,760	90	--	--								
1997	975	32,964	6	33,944	5,646	1,029	27,268	91	--	--								
1998	1,029	33,323	6	34,358	5,384	1,027	27,946	92	--	--								
1999	1,027	34,848	5	35,880	5,267	1,005	29,607	97	--	--								
Red meat and poultry																		
1995	1,731	74,070	2,837	78,637	6,956	1,769	69,912	210	--	--								
1996	1,769	75,303	2,769	79,841	7,976	1,734	70,130	210	--	--								
1997	1,734	76,322	3,065	81,120	8,831	1,924	70,364	209	--	--								
1998	1,924	78,608	3,419	83,951	8,779	2,025	73,147	215	--	--								
1999	2,025	79,313	3,523	84,861	8,967	1,867	74,026	216	--	--								

-- = Not available. Values for the last year are forecasts. 1. Total including farm production for red meat and federally inspected plus nonfederally inspected for poultry. 2. Retail-weight basis. 3. Red meat, carcass to retail conversion; poultry, ready-to-cook production to retail weight. 4. Beef: Medium #1, Nebraska Direct 1,100-1,300 lb.; pork: barrows and gilts, Iowa, Southern Minnesota; veal: farm price of calves; lamb and mutton: choice slaughter lambs, San Angelo; broilers: wholesale 12-city average; turkeys: wholesale NY 8-16 lb. young hens. 5. Carcass weight for red meats and certified ready-to-cook for poultry. 6. Beginning in 1989, veal trade is no longer reported separately. Information contact: LaVerne Williams (202) 694-5190

Table 11—U.S. Egg Supply & Use¹

	Beg. stocks	Production	Imports	Total supply	Exports	Hatching use	Ending stocks	Consumption		Primary market price*
								Total	Per capita	
Million doz.										
1992	13.0	5,905.0	4.3	5,922.3	157.0	732.0	13.5	5,019.8	235.9	65.4
1993	13.5	6,005.8	4.7	6,023.9	158.9	769.6	10.7	5,084.6	236.4	72.5
1994	10.7	6,177.6	3.7	6,192.0	187.6	805.4	14.9	5,184.1	238.7	67.3
1995	14.9	6,215.6	4.1	6,234.6	208.9	847.2	11.2	5,167.3	235.6	72.9
1996	11.2	6,350.7	5.4	6,367.3	253.1	863.8	8.5	5,241.8	236.8	88.2
1997	8.5	6,473.1	6.9	6,488.5	227.8	894.8	7.4	5,358.6	240.0	81.2
1998	7.4	6,657.0	5.6	6,670.0	221.5	921.6	8.4	5,518.5	245.1	75.8
1999	8.4	6,820.0	4.0	6,832.4	231.0	970.0	5.0	5,626.4	247.5	72.8

Values for the last year are forecasts. Values for previous year are preliminary. * Cartoned grade A large eggs, New York.

Information contact: LaVerne Williams (202) 694-5190

Table 12—U.S. Milk Supply & Use¹

Production	Commercial			Total commer- cial supply	Commercial			CCC net removals				
	Farm use	Farm Market- ings	Beg. stocks		CCC	Disap- pearance	All milk price ¹	Skim solids basis	Total solid basis ²			
	Billion lbs. (milkfat basis)								\$/cwt	Billion lbs.		
1991	147.7	2.0	145.7	5.1	2.6	153.4	10.4	4.5	138.6	12.24	3.9	6.5
1992	150.9	1.9	149.0	4.5	2.5	155.9	9.9	4.7	141.3	13.09	2.0	5.2
1993	150.6	1.8	148.8	4.7	2.8	156.3	6.6	4.5	145.1	12.80	3.9	5.0
1994	153.6	1.7	151.9	4.5	2.9	159.3	4.8	4.3	150.3	12.97	3.7	4.2
1995	155.3	1.6	153.7	4.3	2.9	160.9	2.1	4.1	154.9	12.74	4.4	3.5
1996	154.0	1.5	153.5	4.1	2.9	159.5	0.1	4.7	154.7	14.74	0.7	0.5
1997	156.1	1.4	154.7	4.7	2.7	162.1	1.1	4.9	156.1	13.34	3.7	2.7
1998	157.4	1.4	156.1	4.9	4.5	165.5	0.4	5.3	159.8	15.30	4.0	2.6
1999	160.4	1.3	159.1	5.3	3.3	167.7	0.4	5.0	162.3	14.15	3.3	2.1

Values for latest year are forecasts. Values for the preceding year are preliminary. 1. Delivered to plants and dealers; does not reflect deductions.

2. Arbitrarily weighted average of milkfat basis (40 percent) and solids basis (60 percent). Information contact: Jim Miller (202) 694-5184

Table 13—Poultry & Eggs

	Annual			1997			1998				
	1995	1996	1997	Dec	Jul	Aug	Sep	Oct	Nov	Dec	
Broilers											
Federally inspected slaughter certified (mil. lb.)	25,020.8	26,336.3	27,270.7	2,305.6	2,353.8	2,266.5	2,321.2	2,494.2	2,191.7	2,359.8	
Wholesale price, 12-city (cents/lb.)	56.2	61.2	58.8	52.2	68.5	72.1	70.5	68.0	64.1	60.4	
Price of grower feed (\$/ton) ¹	135.1	175.5	157.8	146.0	131.0	116.0	112.0	113.0	115.0	116.0	
Broiler-feed price ratio ²	5.1	4.4	4.7	4.4	6.6	8.1	8.2	7.8	7.2	6.7	
Stocks beginning of period (mil. lb.)	458.4	560.1	641.3	604.0	583.5	553.2	541.2	581.0	594.6	657.8	
Broiler-type chicks hatched (mil.)	7,932.4	8,076.9	8,306.5	712.0	723.4	713.2	692.9	692.9	673.9	733.8	
Turkeys											
Federally inspected slaughter certified (mil. lb.)	5,128.8	5,465.6	5,477.9	460.4	459.3	413.4	429.4	474.3	461.6	430.5	
Wholesale price, Eastern U.S. 8-16 lb. young hens (cents/lb.)	66.4	66.5	64.9	62.2	61.4	63.2	65.6	71.5	73.0	69.0	
Price of turkey grower feed (\$/ton) ¹	130.1	166.1	142.5	133.0	115.0	102.0	99.0	103.0	106.0	107.0	
Turkey-feed price ratio ²	6.3	5.3	5.6	5.8	6.5	7.6	8.1	8.3	8.3	7.7	
Stocks beginning of period (mil. lb.)	254.4	271.3	328.0	438.6	656.5	703.0	708.8	702.6	669.1	314.9	
Poults placed in U.S. (mil.)	321.7	327.2	321.5	25.7	26.2	24.5	21.1	22.8	22.2	25.0	
Eggs											
Farm production (mil.)	74,769	76,532	77,677	6,841	6,720	6,694	6,480	6,791	6,723	7,008	
Average number of layers (mil.)	294	299	304	312	309	309	311	315	319	320	
Rate of lay (eggs per layer on farms)	254.0	256.2	255.3	21.9	21.7	21.6	20.8	21.6	21.1	21.9	
Cartoned price, New York, grade A large (cents/doz.) ³	72.9	88.2	81.2	90.3	73.3	77.7	77.0	78.9	83.6	82.7	
Price of laying feed (\$/ton) ¹	149.7	184.4	159.8	143.0	148.0	121.0	119.0	118.0	116.0	118.0	
Egg-feed price ratio ²	8.6	8.5	8.8	10.1	7.9	10.7	10.7	11.3	12.5	12.8	
Stocks, first of month											
Frozen (mil. doz.)	14.8	10.5	7.7	7.8	7.7	8.9	6.8	6.3	6.9	7.1	
Replacement chicks hatched (mil.)	397.0	407.0	422.0	35.9	36.6	33.5	38.6	30.6	30.8	35.4	

1. Calculated from price ratios that were revised February 1995. 2. Pounds of feed equal in value to 1 dozen eggs or 1 lb. of broiler or turkey liveweight (revised February 1995). 3. Price of cartoned eggs to volume buyers for delivery to retailers. Information contact: LaVerne Williams (202) 694-5190

Table 14—Dairy

	Annual			1997			1998				
	1995	1996	1997	Dec	Jul	Aug	Sep	Oct	Nov	Dec	
Milk--Basic Formula Price (\$/cwt) ¹	11.83	13.39	12.05	13.29	14.77	14.99	15.10	16.04	16.84	17.34	
Wholesale prices											
Butter, Central States (cents/lb.) ²	81.9	108.2	116.2	133.4	203.1	216.6	273.1	242.3	187.9	140.8	
Am. cheese, Wis. assembly pt. (cents/lb.)	132.8	149.1	132.4	146.1	162.6	166.9	171.0	183.5	188.7	192.4	
Nonfat dry milk (cents/lb.) ³	108.6	122.2	110.0	107.4	103.0	104.6	110.1	111.8	112.5	114.9	
USDA net removals											
Total (mil. lb.) ⁴	2,105.7	86.9	1,090.3	146.5	15.7	14.1	15.2	13.7	14.1	20.6	
Butter (mil. lb.)	78.5	0.1	38.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	
Am. cheese (mil. lb.)	6.1	4.6	11.3	0.5	0.7	0.8	0.7	0.6	0.7	0.8	
Nonfat dry milk (Mil. lb.)	343.8	57.2	298.0	31.5	40.2	29.4	19.5	15.8	9.7	24.3	
Milk											
Milk prod. 20 states (mil. lb.)	131,658	131,084	133,314	11,073	11,314	11,124	10,672	11,125	10,829	11,481	
Milk per cow (lb.)	16,718	16,726	17,180	1,432	1,468	1,443	1,386	1,446	1,407	1,489	
Number of milk cows (1,000)	7,875	7,837	7,760	7,733	7,709	7,708	7,701	7,695	7,697	7,708	
U.S. milk production (mil. lb.) ⁵	155,292	154,006	156,091	12,938	13,167	12,941	12,411	12,961	12,611	13,365	
Stocks, beginning ⁴											
Total (mil. lb.)	5,760	4,168	4,714	4,716	6,664	6,591	6,213	5,833	5,467	5,153	
Commercial (mil. lb.)	4,263	4,099	4,704	4,697	6,637	6,554	6,173	5,793	5,433	5,125	
Government (mil. lb.)	1,497	69	10	19	27	38	40	40	34	28	
Imports, total (mil. lb.) ⁴	2,936	2,911	2,698	342	533	559	422	548	375	--	
Commercial disappearance (mil. lb.) ⁴	154,843	154,985	156,597	12,820	13,652	13,753	13,087	13,740	13,168	--	
Butter											
Production (mil. lb.)	1,264.5	1,174.5	1,151.2	106.0	67.1	61.5	67.2	83.2	87.2	101.7	
Stocks, beginning (mil. lb.)	12.2	15.8	13.4	15.0	60.2	50.7	40.9	33.9	31.2	28.7	
Commercial disappearance (mil. lb.)	1,186.3	1,179.8	1,108.7	95.4	86.8	84.6	80.6	95.8	87.2	--	
American cheese											
Production (mil. lb.)	3,131.4	3,280.8	3,285.2	278.6	277.3	261.1	245.4	254.6	269.7	297.6	
Stocks, beginning (mil. lb.)	306.6	379.6	410.3	405.3	449.6	459.8	441.4	417.3	394.5	388.5	
Commercial disappearance (mil. lb.)	3,148.5	3,230.1	3,268.6	276.0	269.0	279.9	271.0	277.1	276.0	--	
Other cheese											
Production (mil. lb.)	3,785.5	3,936.7	4,043.8	349.3	335.3	334.9	334.5	366.6	365.1	370.0	
Stocks, beginning (mil. lb.)	126.8	105.3	107.3	68.9	133.6	134.4	135.2	135.5	128.0	105.9	
Commercial disappearance (mil. lb.)	4,125.6	4,243.0	4,365.5	384.9	363.0	361.0	362.2	410.8	418.5	--	
Nonfat dry milk											
Production (mil. lb.)	1,233.0	1,061.8	1,271.6	102.0	90.2	72.5	59.9	70.0	70.0	104.7	
Stocks, beginning (mil. lb.)	103.5	706.0	71.1	100.6	129.3	112.3	78.1	64.4	45.9	41.6	
Commercial disappearance (mil. lb.)	923.7	1,009.0	894.1	70.4	68.2	77.8	54.7	73.4	65.2	--	
Frozen dessert											
Production (mil. gal.) ⁶	1,229.6	1,240.9	1,281.4	80.6	135.0	122.0	112.2	94.1	76.3	82.1	
	Annual			1997			1998				
	1996	1997	1998	II	III	IV	I	II	III	IV	
Milk production (mil. lb.)	154,006	156,091	157,441	40,574	38,627	38,031	39,164	40,821	38,519	38,937	
Milk per cow (lb.)	16,433	16,871	17,192	4,384	4,195	4,144	4,268	4,451	4,210	4,261	
No. of milk cows (1,000)	9,372	9,252	9,158	9,273	9,236	9,200	9,176	9,171	9,149	9,137	
Milk-feed price ratio	1.60	1.54	1.97	1.45	1.47	1.71	1.73	1.71	2.05	2.46	
Returns over concentrate costs (\$/cwt milk)	10.98	9.80	12.15	9.05	9.05	11.00	11.10	10.40	12.25	14.80	

-- = Not available. Quarterly values for latest year are preliminary. 1. Manufacturing grade milk. 2. Grade AA Chicago before June 1998. 3. Prices paid f.o.b.

Central States production area. 4. Milk equivalent, fat basis. 5. Monthly data ERS estimates. 6. Hard ice cream, ice milk, and hard sherbet. Information contact: LaVerne Williams (202) 694-5190

Table 15—Wool

	Annual			1997			1998				
	1996	1997	1998	II	III	IV	I	II	III	IV	
U.S. wool price (¢/lb.) ¹	193	238	162	244	255	258	228	255	255	258	
Imported wool price (¢/lb.) ²	196	206	164	210	213	204	192	176	141	141	
U.S. mill consumption, scoured											
Apparel wool (1,000 lb.)	129,525	130,386	--	33,830	30,638	32,794	29,208	29,579	21,861	--	
Carpet wool (1,000 lb.)	12,311	13,576	--	3,324	3,395	3,420	3,549	3,729	3,697	--	

-- = Not available. 1. Wool price delivered at U.S. mills, clean basis, Graded Territory 64's (20.60-22.04 microns) staple 2-3/4" and up. 2. Wool price, Charleston, SC warehouse, clean basis, Australian 60/62's, type 64A (24 micron). Duty since 1982 has been 10 cents.

Information contact: Mae Dean Johnson (202) 694-5299

Table 16—Meat Animals

	Annual			1998						1999
	1996	1997	1998	Jan	Aug	Sep	Oct	Nov	Dec	Jan
Cattle on feed (7 states, 1000+ head capacity)										
Number on feed (1,000 head) ¹	8,667	8,943	9,455	9,455	7,706	7,750	8,376	9,190	9,404	9,021
Placed on feed (1,000 head)	19,564	20,765	19,697	1,492	1,773	2,254	2,396	1,732	1,250	1,671
Marketings (1,000 head)	18,636	19,552	19,126	1,689	1,687	1,577	1,537	1,455	1,564	1,738
Other disappearance (1,000 head)	652	701	691	78	42	51	45	63	69	47
Market prices (\$/cwt)										
Slaughter cattle										
Choice steers, 1,100-1,300 lb.										
Texas	65.06	65.99	61.75	64.57	58.75	57.93	61.54	62.23	59.97	61.46
Neb. direct	65.05	66.32	61.48	63.57	58.65	58.28	62.00	61.37	59.36	60.65
Boning utility cows, Sioux Falls	30.33	34.27	36.20	38.14	36.06	33.47	31.60	30.82	34.03	35.00
Feeder steers										
Medium no. 1, Oklahoma City										
600-650 lb.	61.31	81.34	77.70	81.54	72.24	70.37	71.67	71.99	73.33	75.60
750-800 lb.	61.08	76.19	71.78	77.23	66.93	67.61	71.26	71.26	71.26	71.26
Slaughter hogs, Iowa, S. Minn.										
Barrows and gilts, 230-250 lb.	53.39	51.36	31.67	35.35	35.11	29.37	26.98	17.55	13.92	26.36
Sows, nos. 1-2, 300-400 lb.	--	40.24	20.29	23.20	20.26	15.96	16.84	11.13	7.80	14.55
Slaughter sheep and lambs										
Lambs, Choice, San Angelo	85.27	87.95	74.20	74.38	82.05	69.50	67.20	63.33	71.44	69.31
Ewes, Good, San Angelo	39.05	49.33	40.90	49.75	35.55	36.00	33.75	36.04	45.00	41.00
Feeder lambs										
Choice, San Angelo	94.88	104.43	79.59	95.31	78.80	74.75	70.10	74.17	70.13	78.75
Wholesale meat prices, Midwest										
Boxed beef cut-out value										
Choice, 700-800 lb.	102.01	102.75	98.60	99.53	102.16	96.66	101.09	101.44	96.91	99.53
Select, 700-800 lb.	95.34	96.15	92.19	96.76	90.65	87.41	90.59	92.14	90.53	94.72
Canner and cutter cow beef	58.18	64.50	61.49	63.98	62.13	56.50	55.22	55.58	56.25	60.44
Pork cutout	--	--	53.07	54.66	57.25	50.72	48.18	42.09	48.18	42.09
Pork loins, bone-in, 1/4 " trim, 14-19 lb.	138.73	128.75	102.04	104.08	105.90	97.23	99.63	79.90	72.49	105.82
Pork bellies, 12-14 lb.	69.96	73.91	52.38	48.39	72.99	57.49	42.05	39.13	36.31	48.80
Hams, bone-in, trimmed, 23-27 lb.	--	--	--	--	45.27	43.81	38.02	34.00	33.46	32.65
All fresh beef retail price	252.44	253.77	253.28	253.24	255.11	250.04	251.92	252.89	253.75	253.45
Commercial slaughter (1,000 head) ²										
Cattle	36,583	36,318	35,471	3,040	3,040	2,992	3,053	2,775	2,894	2,962
Steers	17,819	17,529	17,430	1,450	1,554	1,451	1,515	1,421	1,406	1,428
Heifers	10,756	11,528	11,450	974	950	987	1,069	888	1,070	991
Cows	7,274	6,564	5,985	578	483	500	528	539	525	497
Bull and stags	728	696	606	48	53	54	53	48	52	46
Calves	1,768	1,575	1,456	128	125	135	125	112	130	105
Sheep and lambs	4,184	3,911	3,911	310	275	306	323	298	355	268
Hogs	92,394	91,960	101,208	8,588	8,168	8,601	9,349	9,069	9,426	8,549
Barrows and gilts	88,224	88,409	97,026	8,272	7,822	8,255	9,000	8,809	8,994	8,226
Commercial production (mil. lb.)										
Beef	25,421	25,384	25,656	2,157	2,228	2,197	2,235	2,004	2,101	2,170
Veal	368	324	250	24	20	20	21	19	22	17
Lamb and mutton	265	257	247	21	17	19	20	19	23	18
Pork	17,084	17,244	18,981	1,634	1,505	1,591	1,757	1,683	1,799	1,627
Annual										
1996	1997	1998		III	IV	I	II	III	IV	I
Hogs and pigs (U.S.) ³										
Inventory (1,000 head) ¹	58,201	56,124	61,158	57,366	60,459	61,158	60,163	62,213	63,488	62,156
Breeding (1,000 head) ¹	6,770	6,578	6,957	6,789	6,858	6,957	6,942	6,958	6,875	6,672
Market (1,000 head) ¹	51,431	49,546	54,200	50,577	53,598	54,200	53,220	55,254	56,612	55,483
Farrowings (1,000 head)	11,097	11,479	12,038	2,946	2,939	2,929	3,086	3,054	2,990	2,893
Pig crop (1,000 head)	94,458	99,584	104,980	25,696	25,494	25,480	26,989	25,480	25,878	--
Cattle on Feed, 7 states (1,000+ head) ⁴										
Steers and Steer Calves	5,588	5,410	5,803	4,615	5,147	5,803	5,245	4,608	5,086	5,432
Heifers and Heifer Calves	3,005	3,455	3,615	3,026	3,383	3,615	3,325	3,191	3,268	3,552
Cows and Bulls	74	78	37	38	28	37	37	26	22	37

-- = Not available. 1. Beginning of period. 2. Classes estimated. 3. Quarters are Dec. of preceding year to Feb. (I), Mar.-May (II), June-Aug. (III), and Sept.-Nov. (IV). 4. Beginning of period. The 7 states include AZ, CA, CO, IA, KS, NE, and TX. Information contact: Leland Southard (202) 694-5187

Crops & Products

Table 17—Supply & Utilization^{1,2}

	Area			Yield	Production	Total supply ⁴	Feed & residual	Other domestic use	Exports	Total use	Ending stocks	Farm price ⁵
	Set-aside ³	Planted	Harvested									
	Mil. Acres	Bu./acre	\$/bu.									
Wheat												
1994/95	5.2	70.3	61.8	37.6	2,321	2,981	345	942	1,188	2,475	507	3.45
1995/96	6.1	69.0	61.0	35.8	2,183	2,757	154	986	1,241	2,381	376	4.55
1996/97	--	75.1	62.8	36.3	2,277	2,746	308	993	1,001	2,302	444	4.30
1997/98*	--	70.4	62.8	39.5	2,481	3,020	248	1,009	1,040	2,297	722	3.38
1998/99*	--	65.9	59.0	43.2	2,550	3,368	350	1,013	1,025	2,388	980	2.65-2.75
Rice ⁶												
1994/95	0.3	3.4	3.3	5,964.0	197.8	230.9	--	6/ 100.7	98.9	199.6	31.3	6.78
1995/96	0.5	3.1	3.1	5,621.0	173.9	212.6	--	6/ 104.6	83.0	187.6	25.0	9.15
1996/97	--	2.8	2.8	6,120.0	171.6	206.6	--	6/ 101.0	78.4	179.4	27.2	9.96
1997/98*	--	3.1	3.1	5,897.0	183.0	219.4	--	6/ 106.5	85.2	191.7	27.7	9.70
1998/99*	--	3.3	3.3	5,669.0	188.1	224.7	--	6/ 108.7	86.0	194.7	30.0	8.25-8.75
Corn												
1994/95	2.4	78.9	72.5	138.6	10,051	10,910	5,470	1,704	2,177	9,352	1,558	2.26
1995/96	7.7	71.5	65.2	113.5	7,400	8,974	4,708	1,612	2,228	8,548	426	3.24
1996/97	--	79.2	72.6	127.1	9,233	9,672	5,302	1,692	1,795	8,789	883	2.71
1997/98*	--	79.5	72.7	126.7	9,207	10,099	5,505	1,782	1,504	8,791	1,308	2.43
1998/99*	--	80.2	72.6	134.4	9,761	11,081	5,700	1,870	1,725	9,295	1,786	1.80-2.10
Sorghum												
1994/95	1.6	9.8	8.9	72.7	646	693	377	22	223	622	72	2.13
1995/96	1.7	9.4	8.3	55.6	459	530	295	19	198	512	18	3.19
1996/97	--	13.1	11.8	67.3	795	814	516	45	205	766	47	2.34
1997/98*	--	10.1	9.2	69.2	634	681	365	55	212	632	49	2.21
1998/99*	--	9.6	7.7	67.3	520	569	275	45	185	505	64	1.55-1.85
Barley												
1994/95	2.7	7.2	6.7	56.2	375	580	228	173	66	467	113	2.03
1995/96	2.9	6.7	6.3	57.2	359	513	179	172	62	413	100	2.89
1996/97	--	7.1	6.7	58.5	392	529	217	172	31	419	109	2.74
1997/98*	--	6.7	6.2	58.1	360	510	144	172	74	390	119	2.38
1998/99*	--	6.3	5.9	60.1	352	502	185	172	30	387	115	1.90-2.00
Oats												
1994/95	0.6	6.6	4.0	57.1	229	428	234	92	1	327	101	1.22
1995/96	0.8	6.2	3.0	54.6	161	342	182	92	2	276	66	1.67
1996/97	--	4.6	2.7	57.7	153	317	153	95	3	250	67	1.96
1997/98*	--	5.1	2.8	59.5	167	332	161	95	2	258	74	1.60
1998/99*	--	4.9	2.8	60.4	167	346	165	95	2	262	84	1.10-1.20
Soybeans ⁷												
1994/95	--	61.7	60.9	41.4	2,517	2,731	153	1,405	838	2,396	335	5.48
1995/96	--	62.6	61.6	35.3	2,177	2,516	112	1,370	851	2,333	183	6.72
1996/97	--	64.2	63.3	37.6	2,380	2,573	123	1,436	882	2,441	132	7.35
1997/98*	--	70.0	69.1	38.9	2,689	2,826	158	1,597	870	2,626	200	6.47
1998/99*	--	72.4	70.8	38.9	2,757	2,963	153	1,590	810	2,553	410	5.00-5.40
Soybean oil												
1994/95	--	--	--	--	15,613	16,733	--	12,916	2,680	15,597	1,137	27.58
1995/96	--	--	--	--	15,240	16,472	--	13,465	992	14,457	2,015	24.75
1996/97	--	--	--	--	15,752	17,821	--	14,263	2,037	16,300	1,520	22.50
1997/98*	--	--	--	--	18,143	19,724	--	15,264	3,077	18,341	1,382	25.84
1998/99*	--	--	--	--	18,070	19,515	--	15,600	2,550	18,150	1,365	23.50-25.00
Soybean meal												
1994/95	--	--	--	--	33,270	33,483	--	26,542	6,717	33,260	223	162.6
1995/96	--	--	--	--	32,527	32,826	--	26,611	6,002	32,613	212	236.0
1996/97	--	--	--	--	34,210	34,524	--	27,320	6,994	34,314	210	270.9
1997/98*	--	--	--	--	38,171	38,436	--	28,888	9,330	38,218	218	185.5
1998/99*	--	--	--	--	37,757	38,025	--	29,850	7,900	37,750	275	130-145

See footnotes at end of table, next page

Table 17—Supply & Utilization (continued)

	Area			Yield	Production	Total Supply ⁴	Feed & residual	Other domestic use	Exports	Total Use	Ending stocks	Farm price ⁵
	Set-aside ³	Planted	Harvested									
	Mil. Acres		Lb./acre					Mil. Bales				
Cotton ⁹												
1994/95	1.7	13.7	13.3	709	19.7	23.2	--	11.2	9.4	20.6	2.7	72.0
1995/96	0.3	16.9	16.0	537	17.9	21.0	--	10.6	7.7	18.3	2.6	75.4
1996/97	--	14.7	12.9	705	18.9	22.0	--	11.1	6.9	18.0	4.0	69.3
1997/98*	--	13.9	13.4	673	18.8	22.8	--	11.3	7.5	18.8	3.9	65.2
1998/99*	--	13.4	10.7	618	13.8	18.0	--	10.4	4.2	14.6	3.4	--

-- = Not available or not applicable. *February 10, 1999 Supply and Demand Estimates. 1. Marketing year beginning June 1 for wheat, barley, and oats; August 1 for cotton and rice; September 1 for soybeans, corn, and sorghum; October 1 for soymeal and soyoil. 2. Conversion factors: Hectare (ha.) = 2.471 acres, 1 metric ton = 2,204.622 pounds, 36.7437 bushels of wheat or soybeans, 39.3679 bushels of corn or sorghum, 45.9296 bushels of barley, 68.8944 bushels of oats, 22.046 cwt of rice, and 4.59 480-pound bales of cotton. 3. Includes diversion, acreage reduction, 50-92, & 0-92 programs. 0/92 & 50/92 set-aside includes idled acreage and acreage planted to minor oilseeds, sesame, and crambe. 4. Includes imports. 5. Marketing-year weighted average price received by farmers. Does not include an allowance for loans outstanding and government purchases. 6. Residual included in domestic use. 7. Includes seed. 8. Simple average of 48 percent protein, Decatur. 9. Upland and extra-long staple. Stocks estimates based on Census Bureau data, resulting in an unaccounted difference between supply and use estimates and changes in ending stocks. Information contacts: Wheat, rice, feed grains, Jenny Gonzales (202) 694-5296; soybeans, soybean products, and cotton, Mae Dean Johnson (202) 694-5299

Table 18—Cash Prices, Selected U.S. Commodities

	Marketing year ¹			1997			1998			Dec
	1995/96	1996/97	1997/98	Dec	Jul	Aug	Sep	Oct	Nov	
Wheat, no. 1 HRW, Kansas City (\$/bu.) ²	5.49	4.88	3.71	3.72	3.02	2.74	2.81	3.30	3.42	3.31
Wheat, DNS, Minneapolis (\$/bu.) ³	5.72	4.96	4.31	4.27	3.89	3.58	3.53	4.03	4.15	3.97
Rice, S.W. La. (\$/cwt) ⁴	18.90	20.34	18.92	19.15	18.50	18.35	17.50	17.50	17.63	17.63
Corn, no. 2 yellow, 30-day, Chicago (\$/bu.) ⁵	3.97	2.84	2.56	2.70	2.27	1.97	1.84	2.00	2.16	2.16
Sorghum, no. 2 yellow, Kansas City (\$/cwt) ⁵	6.66	4.54	4.11	4.26	3.74	3.27	2.98	3.17	3.45	3.41
Barley, feed, Duluth (\$/bu.)	2.67	2.32	1.90	1.66	1.23	--	--	--	--	--
Barley, malting Minneapolis (\$/bu.)	3.69	3.18	2.50	--	--	2.30	--	--	--	--
U.S. cotton price, SLM, 1-1/16 in. (\$/lb.) ⁶	83.00	71.60	67.79	64.57	74.18	71.87	71.75	67.61	64.95	59.88
Northern Europe prices cotton index (\$/lb.) ⁷	85.60	78.66	72.11	74.68	69.36	68.13	66.16	61.12	56.53	56.02
U.S. M 1-3/2 in. (\$/lb.) ⁸	94.70	82.86	77.98	77.33	81.35	76.94	77.75	72.95	71.50	71.25
Soybeans, no. 1 yellow, 30-day Chicago (\$/bu)	6.72	7.38	6.51	6.92	6.26	5.31	5.01	5.26	5.52	5.55
Soybean oil, crude, Decatur (\$/lb.)	24.75	22.50	24.69	25.08	24.88	23.99	25.13	25.21	25.20	23.99
Soybean meal, 48% protein, Decatur (\$/ton)	236.00	270.90	276.78	222.50	183.40	146.25	135.80	135.70	144.50	146.40

-- = No quotes. 1. Beginning June 1 for wheat and barley; Aug. 1 for rice and cotton; September 1 for corn, sorghum, and soybeans; October 1 for soymeal and oil. 2. Ordinary protein. 3. 14 percent protein. 4. Long grain, milled basis. 5. Marketing year 1997/98 data are preliminary. 6. Average spot market. 7. Liverpool Cotlook "A" Index; average of 5 lowest prices of 13 selected growths. 8. Cotton, Memphis territory growths. Information contacts: Wheat, rice, and feed, Jenny Gonzales (202) 694-5296; soybeans, soybean products, and cotton, Mae Dean Johnson (202) 694-5299

Table 19—Farm Programs, Price Supports, Participation, & Payment Rates

	Target price	Basic loan rate	Findley or announced loan rate ¹	Total deficiency payment rate	Effective base acres ²	Program ³	Flexibility contract payment rate		Acres under contract	Contract payment yields	Participation rate ⁴
							Mil. acres	Percent of base			
\$/bu.											
Wheat											
1994/95	4.00	2.72	2.58	0.61	78.10	0/0/0	--	--	--	--	87
1995/96	4.00	2.69	2.58	0.00	77.70	0/0/0	--	--	--	--	85
1996/97	--	--	2.58	--	--	--	0.874	76.7	34.70	99	
1997/98	--	--	2.58	--	--	--	0.631	76.7	34.70	--	
1998/99 ⁵	--	--	2.58	--	--	--	0.663	78.9	34.50	--	
\$/cwt											
Rice											
1994/95	10.71	6.50	5.88 ⁶	3.79	4.20	0/0/0	--	--	--	--	95
1995/96	10.71	6.50	6.50 ⁶	3.22 ⁷	4.20	5/0/0	--	--	--	--	95
1996/97	--	6.50	--	--	--	--	2.766	4.2	48.27	99	
1997/98	--	6.50	--	--	--	--	2.710	4.2	48.17	--	
1998/99 ⁵	--	6.50	--	--	--	--	2.921	4.2	48.17	--	
\$/bu.											
Corn											
1994/95	2.75	1.99	1.89	0.57	81.50	0/0/0	--	--	--	--	81
1995/96	2.75	1.94	1.89	0.00	81.80	7.5/0/0	--	--	--	--	82
1996/97	--	--	1.89	--	--	--	0.251	80.7	102.90	98	
1997/98	--	--	1.89	--	--	--	0.486	80.9	102.80	--	
1998/99 ⁵	--	--	1.89	--	--	--	0.377	82.0	102.60	--	
\$/bu.											
Sorghum											
1994/95	2.61	1.89	1.80	0.59	13.50	0/0/0	--	--	--	--	81
1995/96	2.61	1.84	1.80	0.00	13.30	0/0/0	--	--	--	--	77
1996/97	--	--	1.81	--	--	--	0.323	13.1	57.30	99	
1997/98	--	--	1.76	--	--	--	0.544	13.1	57.30	--	
1998/99 ⁵	--	--	1.74	--	--	--	0.452	13.6	56.90	--	
\$/bu.											
Barley											
1994/95	2.36	1.62	1.54	0.52	10.70	0/0/0	--	--	--	--	84
1995/96	2.36	1.58	1.54	0.00	10.70	0/0/0	--	--	--	--	82
1996/97	--	--	1.55	--	--	--	0.332	10.5	47.30	99	
1997/98	--	--	1.57	--	--	--	0.277	10.5	47.20	--	
1998/99 ⁵	--	--	1.56	--	--	--	0.284	11.2	46.70	--	
\$/bu.											
Oats											
1994/95	1.45	1.02	0.97	0.19	6.80	0/0/0	--	--	--	--	40
1995/96	1.45	1.00	0.97	0.00	6.50	0/0/0	--	--	--	--	44
1996/97	--	--	1.03	--	--	--	0.033	6.2	50.80	97	
1997/98	--	--	1.11	--	--	--	0.031	6.2	50.80	--	
1998/99 ⁵	--	--	1.11	--	--	--	0.031	6.5	50.70	--	
\$/bu.											
Soybeans⁸											
1994/95	--	--	4.92	--	--	--	--	--	--	--	--
1995/96	--	--	4.92	--	--	--	--	--	--	--	--
1996/97	--	--	4.97	--	--	--	--	--	--	--	--
1997/98	--	--	5.26	--	--	--	--	--	--	--	--
1998/99	--	--	5.26	--	--	--	--	--	--	--	--
¢/lb.											
Upland cotton											
1994/95	72.90	50.00	50.00 ⁹	4.60	15.30	11/0/0	--	--	--	--	89
1995/96	72.90	51.92	51.92 ⁹	0.00 ⁷	15.50	0/0/0	--	--	--	--	79
1996/97	--	51.92	--	--	--	--	8.882	16.2	610.00	99	
1997/98	--	51.92	--	--	--	--	7.625	16.2	608.00	--	
1998/99 ⁵	--	51.92	--	--	--	--	8.173	16.4	604.00	--	

-- = Not available. 1. There are no Findley loan rates for rice or cotton. See footnotes 5 and 7. 2. Prior to 1996, national effective crop acreage base as determined by FSA. Net of CRP. 3. Program requirements for participating producers (mandatory acreage reduction program/mandatory paid land diversion/optional paid land diversion). Acres idled must be devoted to a conserving use to receive program benefits. 4. Percentage of effective base enrolled in acreage reduction programs. Starting in 1996, participation rate is the percent of eligible acres that entered production flexibility contracts.

5. Estimated payment rates and acres under contract. 6. A marketing loan has been in effect for rice since 1985/86. Loans may be repaid at the lower of: a) the loan rate or b) the adjusted world market price(announced weekly). Loans cannot be repaid at less than a specified fraction of the loan rate. Data refer to marketing-year average loan repayment rates. Beginning with the 1996 crop, loans are repaid at the lower of the loan rate plus accumulated interest or the adjusted world price. 7. Guaranteed payment rates for producers in the 50/85/92 program were \$0.034/lb. for upland cotton and \$4.21/cwt. for rice. 8. There are no target prices, base acres, acreage reduction programs or deficiency payment rates for soybeans. 9. A marketing loan has been in effect for cotton since 1986/87. In 1987/88 and after, loans may be repaid at the lower of: a) the loan rate or b) the adjusted world market price (announced weekly; Plan B). Starting in 1991/92, loans cannot be repaid at less than 70 percent of the loan rate. Data refer to annual average loan repayment rates. Beginning with the 1996 crop, loans are repaid at the lower of the loan rate plus accumulated interest or the adjusted world price.

Note: The 1996 Act replaced target prices and deficiency payments with fixed annual payments to producers. Information contact: Brenda Chewning, Farm Service Agency (202) 720-8838

Table 20—Fruit

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Citrus ¹										
Production (1,000 tons)	13,186	10,860	11,285	12,452	15,274	14,561	15,799	15,712	17,234	18,009
Per capita consumpt. (lb.) ²	23.6	21.4	19.1	24.4	26.0	25.0	24.1	25.0	26.8	--
Noncitrus ³										
Production (1,000 tons)	16,345	15,640	15,740	17,124	16,563	17,341	16,358	16,103	18,382	--
Per capita consumpt. (lb.) ²	72.8	70.4	70.6	73.8	73.9	75.6	73.7	74.0	76.0	--
							1998			1999
	Jan	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Grower prices										
Apples (¢/pound) ⁴	21.9	17.8	16.3	16.1	19.0	22.7	22.8	17.9	15.2	15.9
Pears (¢/pound) ⁴	12.65	18.65	17.65	20.25	22.85	21.00	23.95	19.90	17.70	18.65
Oranges (\$/box) ⁵	3.15	5.86	6.70	6.71	5.37	4.97	5.42	5.87	4.74	5.15
Grapefruit (\$/box) ⁵	1.79	0.42	3.58	3.66	6.01	11.09	3.88	3.19	2.70	1.80
Stocks, ending										
Fresh apples (mil. lb.)	3,729	1,113	637	322	133	3,455	6,796	5,913	5,009	--
Fresh pears (mil. lb.)	273	32	4	0	94	534	513	384	314	--
Frozen fruits (mil. lb.)	1,128	764	836	1,040	1,032	1,050	1,280	1,353	1,209	--
Frozen conc. orange juice (mil. single-strength gallons)	794	1,066	999	914	827	733	626	629	720	--

-- = Not available. 1. Year shown is when harvest concluded. 2. Fresh per capita consumption. 3. Calendar year. 4. Fresh use. 5. U.S. equivalent on-tree returns. Information contact: Susan Pollack (202) 694-5251

Table 21—Vegetables

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Production ¹										
Total vegetables (1,000 cwt)	543,435	562,938	565,754	677,975	675,793	762,934	742,595	759,347	752,266	--
Fresh (1,000 cwt) ^{2,4}	254,418	254,039	242,733	393,249	377,698	396,671	391,699	408,823	428,171	--
Processed (tons) ^{3,4}	14,450,860	15,444,970	16,151,030	14,236,320	14,904,750	18,313,150	17,544,780	17,526,190	16,204,740	--
Mushrooms (1,000 lbs) ⁵	714,992	749,151	746,832	776,357	750,799	782,340	777,870	776,677	808,602	--
Potatoes (1,000 cwt)	370,444	402,110	417,622	425,367	428,693	467,054	443,606	499,254	467,091	477,754
Sweet potatoes (1,000 cwt)	11,358	12,594	11,203	12,005	11,027	13,380	12,821	13,216	13,327	11,887
Dry edible beans (1,000 cwt)	23,729	32,379	33,765	22,615	21,862	28,950	30,689	27,912	29,370	30,828
	1998						1998			1999
	Jan	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Shipments (1,000 cwt)										
Fresh	23,713	28,082	29,181	26,104	18,422	18,851	15,727	18,842	21,813	19,681
Iceberg lettuce	4,089	3,628	3,377	4,021	3,099	3,900	3,049	3,179	3,549	3,068
Tomatoes, all	4,189	3,540	3,031	2,858	2,667	2,927	2,568	2,719	3,497	3,496
Dry-bulb onions	4,075	3,584	3,006	3,255	3,278	3,783	3,049	3,084	3,423	2,896
Others ⁶	11,360	17,330	19,767	15,970	9,378	8,241	7,061	9,860	11,344	10,221
Potatoes, all	16,328	14,554	11,965	12,734	9,569	12,695	11,498	11,734	13,483	12,819
Sweet potatoes	146	213	147	140	96	289	326	738	448	263

-- = Not available. 1. Calendar year except mushrooms. 2. Includes fresh production of asparagus, broccoli, carrots, cauliflower, celery, sweet corn, lettuce, honeydews, onions, & tomatoes through 1991. 3. Includes processing production of snap beans, sweet corn, green peas, tomatoes, cucumbers (for pickles), asparagus, broccoli, carrots, and cauliflower. 4. Data after 1991 not comparable to previous years because commodity estimates reinstated in 1992 are included. 5. Fresh and processing agaricus mushrooms only. Excludes specialty varieties. Crop year July 1-June 30. 6. Includes snap beans, broccoli, cabbage, cauliflower, celery, sweet corn, cucumbers, eggplant, bell peppers, honeydews, and watermelons. Information contact: Gary Lucier (202) 694-5253

Table 22—Other Commodities

	Annual			1997			1998			
	1995	1996	1997	II	III	IV	I	II	III	IV
Sugar										
Production ¹	7,978	7,268	7,418	679	576	4,088	2,376	824	733	2,452
Deliveries ¹	9,451	9,633	9,756	2,430	2,642	2,469	2,261	2,465	2,616	--
Stocks, ending ¹	2,908	3,195	3,376	2,734	1,487	3,195	3,917	2,881	1,679	--
Coffee										
Composite green price ²										
N.Y. (¢/lb.)	142.18	109.35	146.49	172.99	143.29	134.89	143.58	117.73	98.57	97.83
	Annual					1998				
	1995	1996	1997	Jan	Aug	Sep	Oct	Nov	Dec	Jan
Tobacco										
Avg. price to grower ³										
Flue-cured (\$/lb.)	1.79	1.83	1.73	--	1.62	1.79	1.87	1.81	--	--
Burley (\$/lb.)	1.85	1.92	1.86	1.88	--	--	--	1.92	1.92	1.91
Domestic taxable removals										
Cigarettes (bil.)	486.0	471.4	310.2	35.9	41.5	--	--	--	--	--
Large cigars (mil.) ⁴	3,166.4	3,552.9	2,520.0	260.8	321.3	--	--	--	--	--

-- = Not available. 1. 1,000 short tons, raw value. Quarterly data shown at end of each quarter. 2. Net imports of green and processed coffee. 3. Crop year July-June for flue-cured, October-September for burley. 4. Includes imports of large cigars. Information contacts: sugar, Fannye Jolly (202) 694-5249; tobacco, Tom Capehart (202) 694-5245

World Agriculture

Table 23—World Supply & Utilization of Major Crops, Livestock & Products

	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99 F
<i>Million units</i>										
Wheat										
Area (hectares)	225.8	231.4	222.5	223.2	222.3	215.4	219.9	231.0	229.5	226.2
Production (metric tons)	533.2	588.0	542.9	562.4	559.0	524.8	538.3	582.4	609.5	586.2
Exports (metric tons) ¹	103.8	101.1	111.2	113.0	101.4	100.8	98.8	101.5	100.3	95.8
Consumption (metric tons) ²	532.7	561.9	555.5	550.3	561.9	547.6	550.3	576.5	584.7	595.8
Ending stocks (metric tons) ³	118.9	145.1	132.5	144.5	141.5	118.7	106.7	112.7	137.5	127.9
Coarse grains										
Area (hectares)	321.9	316.3	321.9	323.8	317.2	322.9	313.8	322.4	310.9	308.7
Production (metric tons)	793.7	828.7	810.5	872.0	799.7	871.9	802.9	906.5	881.1	880.8
Exports (metric tons) ¹	104.7	89.1	95.6	91.9	85.3	98.5	88.3	93.4	86.6	89.0
Consumption (metric tons) ²	817.7	817.1	809.7	844.0	839.3	858.6	841.2	877.7	873.3	874.9
Ending stocks (metric tons) ³	123.2	134.8	135.6	163.4	123.8	137.1	98.7	127.5	135.3	141.3
Rice, milled										
Area (hectares)	146.5	146.6	147.3	146.4	145.0	147.3	148.0	149.7	149.7	149.4
Production (metric tons)	343.9	352.0	354.7	355.6	355.4	364.5	371.3	380.3	384.3	377.7
Exports (metric tons) ¹	11.7	12.1	14.1	14.9	16.4	21.0	19.6	19.0	27.3	21.0
Consumption (metric tons) ²	338.2	347.4	356.4	357.8	358.5	366.6	371.6	379.5	383.9	385.0
Ending stocks (metric tons) ³	54.5	59.1	57.5	55.3	52.2	50.1	49.8	50.7	51.2	43.8
Total grains										
Area (hectares)	694.2	694.3	691.7	693.4	684.5	685.6	681.7	703.0	690.0	684.3
Production (metric tons)	1,670.8	1,768.7	1,708.1	1,790.0	1,714.1	1,761.2	1,712.5	1,869.2	1,875.0	1,844.7
Exports (metric tons) ¹	220.2	202.3	220.9	219.8	203.1	220.3	206.7	214.0	214.2	205.8
Consumption (metric tons) ²	1,688.6	1,726.4	1,721.6	1,752.1	1,759.7	1,772.8	1,763.1	1,833.7	1,841.9	1,855.7
Ending stocks (metric tons) ³	296.6	339.0	325.6	363.2	317.5	305.9	255.2	290.9	324.0	313.0
Oilseeds										
Crush (metric tons)	171.7	176.7	185.1	184.4	190.1	208.1	217.5	218.8	228.9	235.5
Production (metric tons)	212.4	215.7	224.3	227.5	229.4	261.8	258.5	261.2	285.6	288.0
Exports (metric tons)	35.6	33.4	37.6	38.2	38.7	44.1	44.4	49.4	53.7	53.4
Ending stocks (metric tons)	23.7	23.4	21.9	23.6	20.3	27.2	22.1	16.4	22.2	25.3
Meals										
Production (metric tons)	116.8	119.3	125.2	125.2	131.7	142.1	147.4	149.1	155.8	161.1
Exports (metric tons)	39.8	40.7	42.2	40.8	44.9	46.7	49.7	50.3	51.5	54.8
Oils										
Production (metric tons)	57.1	58.1	60.6	61.1	63.7	69.6	73.2	75.6	76.3	79.9
Exports (metric tons)	20.4	20.5	21.3	21.3	24.3	27.1	26.0	28.9	29.4	30.1
Cotton										
Area (hectares)	31.6	33.2	34.8	32.6	30.6	32.2	35.9	33.8	33.5	32.7
Production (bales)	79.7	87.1	95.7	82.5	76.7	85.6	93.0	89.6	91.4	84.2
Exports (bales)	31.3	29.6	28.5	25.5	26.8	28.4	27.8	26.8	26.5	24.6
Consumption (bales)	86.9	85.5	85.9	85.8	85.3	85.5	86.9	88.3	88.1	85.8
Ending stocks (bales)	25.3	27.8	37.6	35.1	27.0	29.0	34.6	37.8	41.1	39.3
	1989	1990	1991	1992	1993	1994	1995	1996 F	1997 F	1998 F
Red meat⁴										
Production (metric tons)	112.3	117.7	117.3	119.3	124.6	130.2	135.5	137.4	133.2	--
Consumption (metric tons)	110.9	116.1	115.7	118.3	123.5	128.7	132.8	135.1	130.1	--
Exports (metric tons) ¹	8.2	7.5	7.4	7.4	8.1	8.2	8.5	8.6	7.6	--
Poultry⁴										
Production (metric tons)	33.1	39.6	38.0	40.5	43.9	47.7	50.5	52.7	53.7	55.6
Consumption (metric tons)	32.6	38.4	37.0	39.4	42.5	46.2	48.8	50.8	51.8	53.7
Exports (metric tons) ¹	1.7	2.8	2.4	2.8	3.7	4.6	5.3	5.7	5.5	5.5
Dairy										
Milk production (metric tons) ⁵	387.4	377.6	378.4	377.6	378.4	380.8	379.8	381.2	384.3	--

F = forecast. 1. Excludes intra-EU trade but includes intra-FSU trade. 2. Where stocks data are not available, consumption includes stock changes. 3. Stocks data are based on differing marketing years and do not represent levels at a given date. Data not available for all countries. 4. Calendar year data. 1990 data correspond with 1989/90, etc. 5. Data prior to 1989 no longer comparable.

Information contacts: *Crops*, Ed Allen (202) 694-5288; *red meat and poultry*, Shayle Shagam (202) 694-5186; *dairy*, LaVerne Williams (202) 694-5190

U.S. Agricultural Trade

Table 24—Prices of Principal U.S. Agricultural Trade Products

	Annual			1998					1999	
	1996	1997	1998	Jan	Aug	Sep	Oct	Nov	Dec	Jan
Export commodities										
Wheat, f.o.b. vessel, Gulf ports (\$/bu.)	5.63	4.35	3.44	3.78	2.96	2.94	3.43	3.57	3.44	3.41
Corn, f.o.b. vessel, Gulf ports (\$/bu.)	4.17	2.98	2.59	2.91	2.25	2.19	2.43	2.47	2.43	2.48
Grain sorghum, f.o.b. vessel, Gulf ports (\$/bu.)	3.90	2.89	2.54	2.88	2.34	2.16	2.29	2.37	2.33	2.32
Soybeans, f.o.b. vessel, Gulf ports (\$/bu.)	7.88	7.94	6.37	7.00	5.83	5.62	5.73	6.01	5.88	5.65
Soybean oil, Decatur (¢/lb.)	23.75	23.33	25.78	25.09	24.00	25.14	25.21	25.21	23.99	22.88
Soybean meal, Decatur, (\$/ton)	246.67	266.70	162.74	202.84	146.15	135.83	135.70	144.45	146.45	138.82
Cotton, 7-market avg. spot (¢/lb.)	77.93	69.62	67.04	62.86	71.87	71.77	67.61	64.98	59.88	56.20
Tobacco, avg. price at auction (¢/lb.)	183.20	182.74	179.77	192.05	159.51	179.06	186.53	181.01	191.02	189.98
Rice, f.o.b., mill, Houston (\$/cwt)	19.64	20.88	18.95	19.75	18.85	18.75	18.25	18.50	18.50	18.44
Inedible tallow, Chicago (¢/lb.)	20.13	20.75	17.67	18.20	17.57	16.22	16.98	16.90	16.70	16.30
Import commodities										
Coffee, N.Y. spot (\$/lb.)	1.29	2.05	1.39	1.76	1.28	1.13	1.11	1.23	1.17	1.11
Rubber, N.Y. spot (¢/lb.)	72.88	55.40	40.57	40.21	38.58	38.66	40.26	39.99	38.24	38.99
Cocoa beans, N.Y. (\$/lb.)	0.62	0.69	0.72	0.73	0.72	0.72	0.71	0.67	0.64	0.61

Information contact: Jenny Gonzales (202) 694-5296, Mae Dean Johnson (202) 694-5299, Mary Teymourian (202) 694-5173 for coffee, rubber, cocoa beans, and tobacco.

Table 25—Trade Balance

	Fiscal Year			1997					1998			
	1997	1998	1999 P	Dec	Jul	Aug	Sep	Oct	Nov	Dec		
	\$ million											
Exports												
Agricultural	57,365	53,730	49,000	5,243	3,884	3,704	3,467	4,859	4,671	4,827		
Nonagricultural	569,892	584,077	--	50,779	44,054	45,692	48,056	51,298	49,144	50,071		
Total ¹	627,257	637,807	--	56,022	47,938	49,396	51,523	56,157	53,815	54,898		
Imports												
Agricultural	35,798	37,014	38,000	3,263	2,908	2,857	2,919	3,120	2,912	3,191		
Nonagricultural	829,548	859,730	--	71,031	72,818	72,688	74,754	80,463	74,535	72,816		
Total ²	865,346	896,744	--	74,294	75,726	75,545	77,673	83,583	77,447	76,007		
Trade Balance												
Agricultural	21,567	16,716	11,000	1,980	976	847	548	1,739	1,759	1,636		
Nonagricultural	-259,656	-275,653	--	-20,252	-28,764	-26,149	-26,696	-29,165	-25,391	-22,745		
Total	-238,089	-258,937	--	-18,272	-27,788	-26,149	-26,150	-27,426	-23,632	-21,109		

P = Projected. -- = Not available. Fiscal year (Oct. 1-Sep. 30). 1. Domestic exports including Department of Defense shipments (F.A.S. value).

2. Imports for consumption (customs value). Information contact: Mary Fant (202) 694-5272

Table 26—Indexes of Real Trade-Weighted Dollar Exchange Rates¹

	Annual		1997				1998			
	1996	1997	1998	Dec	Jul P	Aug P	Sep P	Oct P	Nov P	Dec P
	1990=100									
Total U.S. trade	100.8	111.9	115.1	114.5	118.1	118.9	113.4	109.3	111.4	110.3
Agricultural trade										
U.S. markets	101.0	109.6	115.5	114.0	117.5	119.8	118.5	113.8	113.2	111.6
U.S. competitors	98.7	109.1	113.9	113.1	116.3	116.3	112.1	108.9	110.2	109.6
High-value products										
U.S. markets	100.4	108.2	111.9	110.0	114.5	117.3	114.9	110.7	110.2	108.7
U.S. competitors	100.1	110.9	114.6	114.2	116.6	116.9	112.5	109.1	110.9	110.2
Corn										
U.S. markets	96.4	107.1	113.3	112.1	117.7	120.2	116.4	109.0	107.8	105.8
U.S. competitors	90.1	97.4	100.2	99.6	102.1	102.0	99.1	97.0	97.9	97.4
Soybeans										
U.S. markets	96.0	107.9	113.9	112.8	117.1	118.2	114.6	108.6	108.6	106.8
U.S. competitors	80.8	82.2	84.9	83.5	85.2	85.4	85.2	85.4	85.3	85.3
Wheat										
U.S. markets	100.7	105.4	112.2	111.1	112.8	114.2	114.9	112.0	110.9	109.9
U.S. competitors	102.1	109.8	116.0	113.8	117.5	119.4	116.6	114.6	115.3	115.3
Vegetables										
U.S. markets	105.6	112.4	117.8	114.9	119.7	122.9	121.2	118.5	117.7	116.7
U.S. competitors	100.5	112.0	114.1	114.5	116.0	116.0	111.7	108.3	110.0	108.9
Red meats										
U.S. markets	93.3	100.4	109.0	107.4	113.7	116.9	112.8	105.3	104.3	101.7
U.S. competitors	98.0	107.9	112.8	111.7	114.9	115.6	111.7	108.4	109.9	109.6
Fruits & fruit juices										
U.S. markets	101.3	111.3	114.1	111.7	117.0	119.8	116.7	112.8	112.6	111.5
U.S. competitors	98.2	107.2	111.7	111.0	113.9	114.2	110.7	107.6	108.4	108.1
Cotton										
U.S. markets	95.5	105.7	123.8	121.3	127.9	126.8	124.0	116.7	114.5	112.0
U.S. competitors	101.6	103.0	106.8	106.2	107.8	108.3	108.1	105.8	105.1	104.9
Poultry										
U.S. markets	102.8	111.9	109.2	104.4	106.4	109.1	118.1	116.8	115.5	116.9
U.S. competitors	95.7	107.3	109.9	111.3	111.4	111.5	107.6	104.6	105.9	105.3

P = preliminary. 1. Real indexes adjust nominal exchange rates to avoid the distortion caused by different levels of inflation among countries. A higher value means the dollar has appreciated. The "total U.S. trade" index uses the Federal Reserve Board index of trade-weighted value of the U.S. dollar against 10 major countries. Weights are based on relative importance of major U.S. customers and competitors in world markets. Indexes are subject to revision for up to one year due to delayed reporting by some countries. High-value products conform to FAS's definition for consumer-oriented agricultural products.

Data are available at <http://mann77.mannlib.cornell.edu/data-sets/international/88021/>.

Information contact: Tim Baxter (202) 694-5318 or Andy Jerardo (202) 694-5323

Note: The indices have recently been revised to reflect a rebasing of the Russian ruble and to correct errors in the CPI data for Hong Kong and Taiwan. The complete corrected series is on line at the Mann library URL.

Table 27—U.S. Agricultural Exports & Imports

	Fiscal Year			Dec		Fiscal Year			Dec	
	1997	1998	1999 P	1997	1998	1997	1998	1999 P	1997	1998
	1,000 units						\$ million			
EXPORTS										
Animals, live (na)	--	--	--	--	--	508	538	--	87	86
Meats and preps., excl. poultry (mt) ²	1,823	2,064	1,700	175	170	4,438	4,507	4,200	384	351
Dairy products (na)	--	--	--	--	--	869	925	900	84	80
Poultry meats (mt)	2,553	2,663	2,300	222	224	2,516	2,347	1,900	197	159
Fats, oils, and greases (mt)	1,056	1,365	1,300	107	141	543	655	--	57	62
Hides and skins, incl. Furskins (na)	--	--	--	--	--	1,693	1,358	1,400	101	76
Cattle hides, whole (no.) ¹	20,761	18,992	--	1,232	1,276	1,232	969	--	72	60
Mink pelts (no.) ¹	3,600	2,990	--	220	117	96	83	--	4	3
Grains and feeds (mt) ³	95,091	87,289	--	7,978	9,443	16,368	13,961	13,800	1,295	1,323
Wheat (mt) ⁴	24,526	25,791	28,500	2,194	2,626	4,117	3,759	3,900	338	349
Wheat flour (mt)	511	465	600	62	128	141	117	--	17	24
Rice (mt)	2,560	3,310	3,200	243	255	959	1,132	1,100	90	86
Feed grains, incl. products (mt) ⁵	53,796	44,564	49,400	4,273	5,298	7,166	5,187	4,800	532	553
Feeds and fodders (mt)	12,295	11,704	11,900	1,116	1,008	2,688	2,421	2,300	216	197
Other grain products (mt)	1,404	1,455	--	90	128	1,295	1,345	--	102	114
Fruits, nuts, and preps. (mt)	3,830	3,633	--	306	293	4,261	3,977	4,200	334	318
Fruit juices, incl.										
froz. (1,000 hectoliters) ¹	10,455	10,658	--	781	810	658	653	--	52	52
Vegetables and preps. (na)	--	--	--	--	--	4,081	4,168	2,800	356	377
Tobacco, unmanufactured (mt)	238	208	--	20	25	1,612	1,448	1,400	133	156
Cotton, excl. linters (mt) ⁶	1,566	1,552	900	169	224	2,711	2,517	1,400	285	329
Seeds (mt)	1,200	816	--	85	61	913	827	900	101	107
Sugar, cane or beat (mt)	139	123	--	8	14	60	48	--	4	5
Oilseeds and products (mt)	33,808	35,966	33,800	4,693	3,654	11,288	10,984	8,600	1,421	987
Oilseeds (mt)	24,735	24,251	--	3,344	2,609	7,875	6,818	--	944	612
Soybeans (mt)	24,027	23,287	22,300	3,279	2,501	6,950	6,117	4,700	891	552
Protein meal (mt)	6,671	8,666	--	1,083	689	1,795	1,975	--	291	121
Vegetable oils (mt)	2,402	3,049	--	266	356	1,618	2,191	--	186	254
Essential oils (mt)	46	46	--	3	3	619	533	--	36	36
Other	--	--	--	--	--	4,228	4,284	--	337	323
Total	--	--	--	--	--	57,365	53,730	49,000	5,243	4,827
IMPORTS										
Animals, live (na)	--	--	--	--	--	1,525	1,670	1,400	135	106
Meats and preps., excl. poultry (mt)	1,140	1,230	1,200	94	115	2,583	2,718	2,800	221	247
Beef and veal (mt)	785	857	--	62	74	1,552	1,761	--	134	158
Pork (mt)	260	271	--	24	29	766	686	--	64	58
Dairy products (na)	--	--	--	--	--	1,273	1,368	1,400	126	164
Poultry and products (na)	--	--	--	--	--	186	207	--	19	18
Fats, oils, and greases (mt)	76	80	--	7	3	58	59	--	6	3
Hides and skins, incl. furskins (mt)	--	--	--	--	--	210	184	--	22	15
Wool, unmanufactured (mt)	38	45	--	5	3	131	151	--	19	7
Grains and feeds (na)	--	--	--	--	--	2,941	2,919	3,000	266	246
Fruits, nuts, and preps.,										
excl. juices (mt)	7,121	7,581	8,000	617	556	3,773	3,982	5,000	352	364
Bananas and plantains (mt)	3,950	4,175	4,100	334	289	1,218	1,214	1,300	96	80
Fruit juices (1,000 hectoliters) ¹	29,829	26,577	27,000	2,849	2,669	913	669	--	69	64
Vegetables and preps. (na)	--	--	--	--	--	3,604	4,249	4,500	381	426
Tobacco, unmanufactured (mt)	337	241	200	26	17	1,179	822	800	104	74
Cotton, unmanufactured (mt)	27	10	--	1	6	34	11	--	2	10
Seeds (mt)	223	257	--	13	19	357	422	--	31	30
Nursery stock and cut flowers (na)	--	--	--	--	--	974	1,082	1,100	82	81
Sugar, cane or beet (mt)	2,938	2,170	2,100	166	134	1,013	758	--	53	40
Oilseeds and products (mt)	3,780	4,314	4,300	423	368	2,248	2,243	2,300	202	185
Oilseeds (mt)	985	1,028	--	96	86	374	371	--	34	31
Protein meal (mt)	967	1,277	--	110	115	181	188	--	18	14
Vegetable oils (mt)	1,828	2,010	--	217	167	1,693	1,684	--	151	140
Beverages, excl. fruit										
juices (1,000 hectoliters) (na)	--	--	--	--	--	3,247	3,705	--	278	308
Coffee, tea, cocoa, spices (mt)	2,305	2,374	--	217	231	5,778	6,066	--	586	505
Coffee, incl. products (mt)	1,212	1,155	1,200	103	118	3,698	3,587	3,800	347	278
Cocoa beans and products (mt)	767	875	1,000	88	77	1,414	1,701	1,800	176	149
Rubber and allied gums (mt)	1,075	1,162	1,200	90	114	1,315	1,027	1,100	85	80
Other	--	--	--	--	--	2,458	2,703	--	223	228
Total	--	--	--	--	--	35,798	37,017	38,000	3,263	3,201

P=Projection. -- = Not available. Projections are fiscal years (October 1 through September 30) and are from Outlook for U.S. Agricultural Exports. 1997 and 1998 data are from *Foreign Agricultural Trade of the U.S.* 1. Not included in total volume. 2. Projection includes beef, pork, and variety meat. 3. Projection includes pules.

4. Projection includes wheat flour. 5. Projection excludes grain products. 6. Projection includes linters. 7. Projection includes juice.

NOTE: Totals include transshipments through Canada, but transshipments are not distributed by commodity as previously.

NOTE: Adjusted transshipments through Canada for 1997 exports. Information Contact: Mary Fant (202) 694-5272

Table 28—U.S. Agricultural Exports by Region

	Fiscal year			1997				1998			
	1997	1998	1999F	Dec	Jul	Aug	Sep	Oct	Nov	Dec	
<i>\$ million</i>											
Region & country											
WESTERN EUROPE	9,617	8,844	7,500	1,024	459	456	479	804	818	841	
European Union ¹	8,997	8,508	7,300	995	435	439	451	764	788	821	
Belgium-Luxembourg	715	666	--	61	38	34	58	68	48	83	
France	557	538	--	79	25	25	21	60	44	44	
Germany	1,376	1,294	--	147	72	80	76	104	120	130	
Italy	792	722	--	94	21	26	32	81	58	72	
Netherlands	2,011	1,792	--	222	79	60	79	111	162	219	
United Kingdom	1,289	1,300	--	130	102	95	86	135	128	85	
Portugal	243	185	--	18	5	8	7	9	16	11	
Spain, incl. Canary Islands	1,087	1,126	--	141	38	55	47	122	137	77	
Other Western Europe	620	336	200	30	24	17	28	39	30	20	
Switzerland	506	236	--	21	17	9	17	29	14	13	
EASTERN EUROPE	317	320	300	26	26	16	11	16	23	25	
Poland	164	139	--	11	12	5	3	6	8	3	
Former Yugoslavia	72	97	--	8	6	6	3	6	6	12	
Romania	37	31	--	1	2	3	1	1	2	2	
NEWLY INDEPENDENT STATES	1,593	1,456	1,400	135	141	109	34	46	25	46	
Russia	1,281	1,103	1,100	97	97	70	6	18	14	28	
ASIA ²	26,436	21,954	16,800	2,072	1,493	1,523	1,301	1,954	1,869	1,913	
West Asia (Mideast)	2,562	2,285	2,100	205	174	164	123	227	158	206	
Turkey	742	658	600	58	48	72	34	54	48	51	
Iraq	50	131	--	15	30	0	0	0	0	0	
Israel, incl. Gaza and W. Bank	543	389	--	50	29	24	13	52	12	43	
Saudi Arabia	630	535	500	30	33	32	34	58	41	55	
South Asia	728	623	600	72	31	79	37	82	54	80	
Bangladesh	123	114	--	6	9	6	11	30	15	28	
India	152	163	--	9	7	31	13	20	14	38	
Pakistan	418	275	--	54	8	30	6	26	18	12	
China	1,774	1,514	1,300	117	57	68	51	239	121	79	
Japan	10,713	9,459	8,000	852	681	626	589	697	786	794	
Southeast Asia	3,136	2,282	2,000	248	183	181	128	193	190	211	
Indonesia	768	529	400	84	50	50	31	50	32	60	
Philippines	898	744	600	56	63	73	46	56	53	57	
Other East Asia	7,523	5,790	4,900	579	366	405	372	515	560	543	
Korea, Rep.	3,293	2,245	2,000	155	161	164	140	198	216	200	
Hong Kong	1,640	1,568	1,300	155	105	100	128	129	137	142	
Taiwan	2,588	1,971	1,600	268	99	141	104	188	203	200	
AFRICA	2,265	2,167	1,900	258	174	185	193	179	165	213	
North Africa	1,480	1,475	1,300	194	122	125	119	114	102	149	
Morocco	166	139	--	20	20	13	2	7	12	15	
Algeria	307	281	--	36	28	25	13	23	12	23	
Egypt	928	939	900	124	73	84	99	83	67	103	
Sub-Saharan	785	692	600	64	51	60	74	65	63	63	
Nigeria	106	140	--	11	20	13	12	10	17	10	
S. Africa	239	193	--	20	11	15	17	20	13	16	
LATIN AMERICA and CARIBBEAN	9,984	11,348	11,400	1,111	970	822	822	1,074	1,035	1,142	
Brazil	461	566	400	78	23	28	39	110	64	36	
Caribbean Islands	1,473	1,487	--	134	131	114	105	148	114	135	
Central America	1,029	1,137	--	81	94	81	87	98	125	128	
Colombia	552	592	--	48	38	41	38	39	53	50	
Mexico	5,077	5,956	6,700	563	546	460	456	539	556	633	
Peru	178	314	--	32	33	29	35	39	35	39	
Venezuela	552	516	500	35	55	32	24	45	40	53	
CANADA	6,620	7,022	6,700	571	577	534	558	601	591	586	
OCEANIA	534	545	500	45	38	49	49	56	47	42	
TOTAL	57,365	53,730	49,000	5,243	3,884	3,704	3,467	4,859	4,671	4,827	
Developed countries	28,243	26,530	--	2,567	1,794	1,707	1,718	2,349	2,359	2,337	
Developing countries	25,717	24,211	--	2,421	1,891	1,818	1,662	2,224	2,158	2,364	
Other countries	25,717	2,988	--	256	199	179	87	287	154	126	

F = Forecast. -- = Not available. Based on fiscal year beginning October 1 and ending September 30. 1. Austria, Finland, and Sweden are included in the European Union. 2. Asia forecasts exclude West Asia (Mideast). NOTE: Adjusted for transhipments through Canada, but transhipments are not distributed as previously for 1998. Information contact: Mary Fant (202) 694-5272

Farm Income

Table 29—Value Added to the U.S. Economy by the Agricultural Sector

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>\$ billion</i>										
Final crop output	83.3	81.0	89.0	82.4	100.3	95.8	115.6	112.5	104.6	102.2
Food grains	7.5	7.3	8.5	8.2	9.5	10.4	10.7	10.6	8.8	8.3
Feed crops	18.7	19.3	20.1	20.2	20.4	24.6	27.3	27.6	23.8	21.9
Cotton	5.5	5.2	5.2	5.2	6.7	6.9	7.0	6.5	5.6	6.1
Oil crops	12.3	12.7	13.3	13.2	14.7	15.5	16.4	19.9	17.6	16.3
Tobacco	2.7	2.9	3.0	2.9	2.7	2.5	2.8	2.9	2.9	2.6
Fruits and tree nuts	9.4	9.9	10.2	10.3	10.3	11.1	11.9	12.8	13.1	13.6
Vegetables	11.5	11.6	11.9	13.5	13.9	14.9	14.6	15.1	16.0	16.0
All other crops	12.8	13.1	13.7	14.0	14.9	15.2	15.9	16.7	16.8	17.2
Home consumption	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Value of inventory adjustment ¹	2.8	(1.2)	3.2	(5.3)	7.2	(5.4)	8.9	0.3	(0.1)	0.2
Final animal output	90.2	87.3	87.1	91.7	89.7	87.6	92.2	96.2	92.9	95.2
Meat animals	51.2	50.1	47.7	50.8	46.8	44.8	44.4	49.9	43.1	47.7
Dairy products	20.2	18.0	19.7	19.2	19.9	19.9	22.8	21.0	23.9	22.5
Poultry and eggs	15.3	15.2	15.5	17.3	18.4	19.1	22.3	22.2	22.8	22.4
Miscellaneous livestock	2.5	2.5	2.6	2.8	3.0	3.2	3.4	3.5	3.5	3.5
Home consumption	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.4
Value of inventory adjustment ¹	0.4	1.0	1.0	1.1	1.1	0.2	(1.1)	-0.7	-0.9	-1.2
Services and forestry	15.3	15.4	15.2	16.6	17.9	19.4	20.7	22.1	22.6	23.0
Machine hire and customwork	1.8	1.8	1.8	1.9	2.1	1.9	2.2	2.6	2.5	2.6
Forest products sold	1.8	1.8	2.2	2.6	2.7	2.9	2.8	2.8	2.9	3.1
Other farm income	4.5	4.7	4.2	4.6	4.4	5.2	5.9	6.3	6.3	5.9
Gross imputed rental value of farm dwellings	7.2	7.2	7.0	7.6	8.7	9.3	9.8	10.3	10.9	11.4
Final agricultural sector output²	188.7	183.7	191.3	190.7	207.9	202.8	228.5	230.8	220.1	220.4
<i>Minus</i>										
Intermediate consumption outlays:	92.9	94.6	93.5	100.6	104.9	109.0	112.9	118.6	113.6	114.2
Farm origin	39.5	38.6	38.6	41.2	41.3	41.6	42.7	45.7	43.2	43.6
Feed purchased	20.4	19.3	20.1	21.4	22.6	23.8	25.2	25.2	23.8	23.9
Livestock and poultry purchased	14.6	14.1	13.6	14.6	13.3	12.3	11.2	13.8	12.6	12.9
Seed purchased	4.5	5.1	4.9	5.2	5.4	5.5	6.2	6.7	6.8	6.9
Manufactured inputs	22.0	23.2	22.7	23.1	24.4	26.2	28.6	29.0	27.8	28.4
Fertilizers and lime	8.2	8.7	8.3	8.4	9.2	10.0	10.9	10.9	10.5	10.6
Pesticides	5.4	6.3	6.5	6.7	7.2	7.7	8.5	8.8	8.9	9.1
Petroleum fuel and oils	5.8	5.6	5.3	5.3	5.3	5.4	6.0	6.2	5.6	5.9
Electricity	2.6	2.6	2.6	2.7	2.7	3.0	3.2	3.0	2.7	2.8
Other intermediate expenses	31.4	32.8	32.2	36.2	39.2	41.2	41.5	43.9	42.7	42.2
Repair and maintenance of capital items	8.6	8.6	8.5	9.2	9.1	9.5	10.3	10.4	10.2	10.2
Machine hire and customwork	3.6	3.5	3.8	4.4	4.8	4.8	4.7	4.8	4.6	4.5
Marketing, storage, and transportation	4.2	4.7	4.5	5.6	6.8	7.2	6.9	7.1	6.9	7.0
Contract labor	1.6	1.6	1.7	1.8	1.8	2.0	2.1	2.6	2.7	2.7
Miscellaneous expenses	13.5	14.3	13.7	15.2	16.7	17.8	17.5	19.0	18.2	17.7
<i>Plus</i>										
Net government transactions:	3.1	2.1	2.7	6.9	1.0	0.1	0.1	0.1	5.5	2.6
+ Direct government payments	9.3	8.2	9.2	13.4	7.9	7.3	7.3	7.5	12.9	10.2
- Motor vehicle registration and licensing fees	0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5
- Property taxes	5.9	5.8	6.1	6.2	6.5	6.7	6.8	7.0	7.0	7.1
Gross value added	98.9	91.2	100.5	97.0	104.0	93.9	115.7	112.3	112.0	108.8
<i>Minus</i>										
Capital consumption	18.1	18.2	18.3	18.4	18.7	19.1	19.4	19.5	19.6	19.9
Net value added²	80.7	73.0	82.1	78.6	85.3	74.8	96.3	92.8	92.3	88.9
<i>Minus</i>										
Factor payments:	36.0	34.4	34.6	35.1	37.0	38.8	42.9	42.9	44.4	44.4
Employee compensation (total hired labor)	12.5	12.3	12.3	13.2	13.5	14.3	15.4	16.0	16.9	17.3
Net rent received by nonoperator landlords	10.0	9.9	11.2	11.0	11.8	11.8	14.3	13.2	13.4	13.4
Real estate and non-real estate interest	13.4	12.1	11.1	10.8	11.7	12.7	13.2	13.7	14.1	13.7
Net farm income²	44.7	38.6	47.5	43.6	48.3	36.0	53.4	49.8	48.0	44.6

Values in last two columns are preliminary or forecast. 1. A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales. 2. Final sector output is the gross value of commodities and services produced within a year. Net value added is the sector's contribution to the National economy and is the sum of income from production earned by all factors of production. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. Information contact: Roger Strickland (202) 694-5592 or rogers@econ.ag.gov

Table 30—Farm Income Statistics

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
\$ billion										
Cash Income statement:										
1. Cash receipts	169.5	167.9	171.4	177.8	181.2	188.1	199.6	208.7	198.0	198.0
Crops ¹	80.3	82.1	85.7	87.6	93.1	101.1	106.6	112.1	104.7	102.0
Livestock	89.2	85.8	85.6	90.2	88.2	87.0	93.0	96.6	93.4	96.0
2. Direct Government payments	9.3	8.2	9.2	13.4	7.9	7.3	7.3	7.5	12.9	10.2
3. Farm-related income ²	8.1	8.3	8.2	9.0	9.2	10.1	10.9	11.8	11.8	11.6
4. Gross cash income (1+2+3)	186.9	184.3	188.7	200.2	198.3	205.5	217.8	228.0	222.7	219.8
5. Cash expenses ³	134.1	134.0	133.6	141.2	147.6	153.6	161.4	167.2	163.6	164.3
6. Net cash income (4-5)	52.8	50.4	55.1	59.0	50.7	51.8	56.4	60.8	59.1	55.5
Farm income statement:										
7. Gross cash income (4)	186.9	184.3	188.7	200.2	198.3	205.5	217.8	228.0	222.7	219.8
8. Noncash income ⁴	7.9	7.8	7.6	8.1	9.2	9.8	10.2	10.7	11.3	11.9
9. Value of inventory adjustment	3.3	-0.2	4.2	-4.2	8.3	-5.1	7.8	-0.4	-1.0	-1.0
10. Gross farm income (7+8+9)	198.0	191.9	200.5	204.1	215.8	210.1	235.8	238.3	233.1	230.6
11. Total production expenses	153.3	153.3	152.9	160.5	167.5	174.1	182.4	188.4	185.1	186.1
12. Net farm income (10-11)	44.7	38.6	47.5	43.6	48.3	36.0	53.4	49.8	48.0	44.6

Values for last 2 years are preliminary or forecasts. Numbers in parentheses indicate the combination of items required to calculate an item. Totals may not add due to rounding. 1. Includes commodities placed under CCC loans and profits made on loans redeemed. 2. Income from custom labor, machine hire, recreational activities, forest product sales, and other farm sources. 3. Excludes depreciation and perquisites to hired labor. Excludes farm operator dwellings. 4. Value of farm products consumed on farms where produced plus the imputed rental value of farm dwellings. *Information contact: Roger Strickland (202) 694-5592 or rogers@econ.ag.gov*

Table 31—Average Income to Farm Operator Households¹

	1992	1993	1994	1995	1996	1997	1998	1999
\$ per farm								
Net cash farm business income ²	11,320	11,248	11,389	11,218	13,502	12,460	--	--
Less depreciation ³	5,187	6,219	6,466	6,795	6,906	6,578	--	--
Less wages paid to operator ⁴	216	454	425	522	531	513	--	--
Less farmland rental income ⁵	360	534	701	769	672	568	--	--
Less adjusted farm business income due to other household(s) ⁶	961	872	815	649	1,094	1,429	--	--
\$ per farm operator household								
Equals adjusted farm business income	4,596	3,168	2,981	2,484	4,300	3,373	--	--
Plus wages paid to operator	216	454	425	522	531	513	--	--
Plus net income from farmland rental ⁷	360	--	--	1,053	1,178	945	--	--
Equals farm self-employment income	5,172	3,623	3,407	4,059	6,009	4,831	--	--
Plus other farm-related earnings ⁸	2,008	1,192	970	661	1,898	1,158	--	--
Equals earnings of the operator household from farming activities	7,180	4,815	4,376	4,720	7,906	5,989	5,757	5,122
Plus earnings of the operator household from off-farm sources ⁹	35,731	35,408	38,092	39,671	42,455	46,358	45,060	46,651
Equals average farm operator household income	42,911	40,223	42,469	44,392	50,361	52,347	50,816	51,773
\$ per U.S. household								
U.S. average household income ¹⁰	38,840	41,428	43,133	44,938	47,123	49,692	--	--
Percent								
Average farm operator household income as percent of U.S. average household income	110.5	97.1	98.5	98.8	106.9	105.3	--	--
Average operator household earnings from farming activities as percent of average operator household income	16.7	12.0	10.3	10.6	15.7	11.4	--	--

-- = Not available. Values in the last 3 years preliminary or forecast. 1. This table derives farm operator household income estimates from the Agricultural Resource Management Study (ARMS) that are consistent with Current Population Survey (CPS) methodology. The CPS, conducted by the Bureau of the Census, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. The CPS definition departs from a strictly cash concept by including depreciation as an expense that farm operators and other self-employed people subtract from gross receipts when reporting net cash income. 2. A component of farm-sector income. Excludes income of contractors and landlords as well as the income of farms organized as nonfamily corporations or cooperatives, and farms run by a hired manager. Includes income of farms organized as proprietorships, partnerships, and family corporations. 3. Consistent with the CPS definition of self-employed income, reported depreciation expenses are subtracted from net cash farm income. The ARMS collects data on farm business depreciation used for tax purposes. 4. Wages paid to the operator are excluded because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. 5. Gross rental income excluded because net rental income from farm operation is added below to income received by the household. 6. More than one household may have a claim on income of a farm business. On average, 1.1 households share the income of a farm business. 7. Includes net rental income from the farm business. Also includes net rental income from farmland held by household members that is not part of the farm business. In 1991 and 1992, gross rental income from the farm business was used because net rental income data were not collected. In 1993 and 1994, net rental income data were collected as part of off-farm income. 8. Wages paid to other operator household members by the farm business, and net income from a farm business other than the one surveyed. In 1996, also includes value of commodities provided to household members for farm work. 9. Wages, salaries, net income from nonfarm businesses, interest, dividends, transfer payments, etc. In 1993 and 1994, also includes net rental income from farmland. 10. From the CPS. Sources: USDA, Economic Research Service, 1992, 1993, 1994, and 1995 Farm Costs and Returns Survey (FCRS), and 1996 and 1997 Agricultural Resource Management Study for farm operator household data. U.S. Department of Commerce, Bureau of the Census Current Population Survey (PCS), for average household income. *Information contact: Bob Hoppe (202) 694-5572 or rhoppe@econ.ag.gov*

Table 32—Balance Sheet of the U.S. Farming Sector

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>\$ billion</i>										
Farm assets	841.5	844.9	870.3	906.4	938.3	981.9	1,033.9	1,088.8	1,124.7	1,140.3
Real estate	620.0	625.5	642.8	673.7	706.9	755.7	799.5	849.2	891.7	904.1
Livestock and poultry ¹	70.9	68.1	71.0	72.8	67.9	57.8	60.3	66.8	57.0	59.0
Machinery and motor vehicles	86.3	85.9	85.4	86.5	87.5	88.5	88.9	88.1	91.0	90.0
Crops stored ^{2,3}	23.2	22.2	24.2	23.3	23.3	27.4	31.7	29.9	30.0	31.0
Purchased inputs	2.8	2.6	3.9	3.8	5.0	3.4	4.4	5.1	5.0	5.2
Financial assets	38.3	40.5	43.1	46.3	47.6	49.1	49.1	49.7	50.0	51.0
Total farm debt	138.0	139.2	139.1	142.0	146.8	150.8	156.1	165.4	170.4	169.1
Real estate debt ³	74.7	74.9	75.4	76.0	77.7	79.3	81.7	85.4	87.6	86.7
Non-real estate debt ⁴	63.2	64.3	63.6	65.9	69.1	71.5	74.4	80.1	82.8	82.4
Total farm equity	703.5	705.7	731.3	764.4	791.5	831.1	877.8	923.4	954.3	971.2
<i>Percent</i>										
Selected ratios										
Debt to equity	19.6	19.7	19.0	18.6	18.5	18.1	17.8	17.9	17.9	17.4
Debt to assets	16.4	16.5	16.0	15.7	15.6	15.4	15.1	15.2	15.2	14.8

Values in the last two columns are forecasts. 1. As of December 31. 2. Non-CCC crops held on farms plus value above loan rates for crops held under CCC. 3. Includes CCC storage and drying facilities loans, but excludes debt on operator dwellings. 4. Excludes debt for nonfarm purposes. *Information contact: Ken Erickson (202) 694-5565 or erickson@econ.ag.gov*

Table 33—Cash Receipts from Farming

	Annual		1997		1998					
	1995	1996	1997	Nov	Jun	Jul	Aug	Sep	Oct	Nov
<i>\$ million</i>										
Commodity sales ¹	188,108	199,580	208,665	21,745	14,726	14,794	14,986	16,613	20,890	19,768
Livestock and products	87,018	93,005	96,568	8,518	7,770	7,242	7,838	7,830	7,608	7,965
Meat animals	44,828	44,414	49,925	4,363	3,841	2,915	3,534	3,573	3,035	3,332
Dairy products	19,894	22,820	20,989	1,800	1,883	1,860	1,991	2,043	2,250	2,231
Poultry and eggs	19,070	22,345	22,183	1,912	1,772	1,903	2,034	1,908	2,090	1,955
Other	3,227	3,425	3,471	443	275	564	280	305	234	447
Crops	101,090	106,575	112,097	13,226	6,956	7,552	7,147	8,784	13,282	11,803
Food grains	10,417	10,741	10,603	653	981	1,557	925	708	614	582
Feed crops	24,581	27,265	27,638	3,415	1,618	1,472	1,545	1,431	2,774	2,809
Cotton (lint and seed)	6,851	6,983	6,515	1,358	199	113	88	206	770	986
Tobacco	2,548	2,796	2,886	296	0	66	431	591	365	207
Oil-bearing crops	15,496	16,362	19,911	2,317	950	857	605	1,286	3,791	1,908
Vegetables and melons	14,913	14,561	15,086	904	1,403	1,471	1,583	1,577	1,610	937
Fruits and tree nuts	11,119	11,933	12,790	1,895	912	1,068	1,025	1,451	1,748	1,981
Other	15,165	15,935	16,668	2,388	893	948	945	1,534	1,610	2,392
Government payments	7,279	7,340	7,496	34	83	157	1,702	1,809	1,980	3,498
Total	195,388	206,919	216,160	21,779	14,810	14,951	16,688	18,422	22,870	23,266

Annual values for the most recent year and monthly values for the current year are preliminary. 1. Sales of farm products include receipts from commodities placed under nonrecourse CCC loans, plus additional gains realized on redemptions during the period. *Information contact: Roger Strickland (202) 694-5592. To receive current monthly cash receipts, contact Larry Traub at (202) 694-5593 or ltraub@econ.ag.gov.*

Table 34—Cash Receipts from Farm Marketings, by State

Region and State	Livestock and products				Crops ¹				Total ¹					
	1996	1997	Oct 1998	Nov 1998	1996	1997	Oct 1998	Nov 1998	1996	1997	Oct 1998	Nov 1998		
									\$ million					
NORTH ATLANTIC														
Maine	262	258	21	22	220	228	25	18	482	486	46	40		
New Hampshire	72	69	6	7	97	97	12	9	169	166	17	16		
Vermont	433	416	43	41	99	97	11	14	532	513	54	55		
Massachusetts	110	102	8	8	392	430	54	76	502	532	62	84		
Rhode Island	11	9	1	1	73	74	5	5	84	83	6	6		
Connecticut	236	218	18	21	253	279	19	20	489	496	38	41		
New York	2,050	1,859	194	196	981	1,037	108	92	3,031	2,896	302	288		
New Jersey	196	180	15	15	607	596	52	58	803	776	67	73		
Pennsylvania	2,865	2,789	255	247	1,283	1,339	111	128	4,148	4,128	366	375		
NORTH CENTRAL														
Ohio	1,943	1,869	155	151	2,853	3,476	457	362	4,796	5,345	613	513		
Indiana	1,913	1,896	144	138	3,620	3,610	626	442	5,533	5,506	770	580		
Illinois	2,063	1,937	113	100	6,453	7,339	789	427	8,516	9,276	903	527		
Michigan	1,450	1,352	112	105	2,154	2,236	283	345	3,604	3,588	395	450		
Wisconsin	4,299	4,070	399	416	1,732	1,686	214	296	6,030	5,756	613	712		
Minnesota	4,147	4,054	292	298	4,654	4,101	544	611	8,800	8,155	836	908		
Iowa	5,451	5,530	318	336	6,698	7,311	1,005	722	12,148	12,841	1,323	1,058		
Missouri	2,463	2,795	180	190	2,409	2,768	329	262	4,872	5,564	510	452		
North Dakota	539	611	44	50	2,891	2,702	288	346	3,429	3,313	332	396		
South Dakota	1,634	1,820	113	134	1,875	2,417	442	245	3,509	4,237	555	379		
Nebraska	5,277	5,542	365	409	3,933	4,550	505	443	9,211	10,092	870	853		
Kansas	4,541	5,017	347	393	2,978	3,985	365	289	7,519	9,001	711	682		
SOUTHERN														
Delaware	573	573	56	42	180	174	25	18	753	748	81	61		
Maryland	901	915	91	79	639	623	71	58	1,540	1,538	163	137		
Virginia	1,477	1,538	133	128	907	863	136	73	2,384	2,401	268	201		
West Virginia	309	324	32	27	79	71	5	6	388	394	38	34		
North Carolina	4,431	4,694	344	300	3,466	3,608	503	321	7,897	8,302	847	622		
South Carolina	748	797	73	67	869	898	81	61	1,616	1,695	154	128		
Georgia	3,279	3,442	334	281	2,452	2,445	361	218	5,731	5,887	695	499		
Florida	1,206	1,265	90	102	5,038	4,978	230	347	6,244	6,243	320	450		
Kentucky	1,727	1,978	83	309	1,842	1,655	94	195	3,569	3,633	177	503		
Tennessee	999	1,005	70	69	1,406	1,287	171	173	2,405	2,292	241	242		
Alabama	2,362	2,431	235	194	808	796	117	90	3,170	3,227	352	284		
Mississippi	1,934	2,006	195	173	1,504	1,470	247	161	3,438	3,476	442	334		
Arkansas	3,374	3,416	294	271	2,470	2,446	408	380	5,844	5,862	702	651		
Louisiana	688	659	44	48	1,641	1,481	182	195	2,328	2,140	226	243		
Oklahoma	2,414	3,061	184	240	1,105	1,308	82	79	3,519	4,369	266	319		
Texas	7,821	8,184	673	711	5,139	5,277	454	507	12,960	13,461	1,127	1,218		
WESTERN														
Montana	797	991	57	68	1,203	1,072	83	105	1,999	2,063	140	173		
Idaho	1,330	1,389	120	133	2,043	1,926	234	287	3,372	3,315	354	420		
Wyoming	478	646	49	38	189	199	15	53	667	845	63	91		
Colorado	2,763	3,012	206	234	1,362	1,388	125	143	4,125	4,399	331	377		
New Mexico	1,198	1,354	91	94	506	562	53	59	1,704	1,915	144	153		
Arizona	840	888	56	74	1,306	1,257	83	116	2,145	2,145	138	191		
Utah	644	715	75	68	228	238	26	20	872	953	101	88		
Nevada	154	180	19	12	132	130	14	13	287	310	33	25		
Washington	1,665	1,604	157	163	3,833	3,778	427	313	5,497	5,382	584	475		
Oregon	658	740	60	63	2,246	2,373	338	278	2,904	3,113	398	341		
California	6,212	6,294	641	691	17,285	18,995	2,433	2,284	23,497	25,289	3,074	2,975		
Alaska	6	6	1	1	23	26	2	2	29	32	3	3		
Hawaii	66	68	6	6	420	415	37	36	487	483	43	41		
U.S.	93,005	96,568	7,608	7,965	106,575	112,097	13,282	11,803	199,580	208,665	20,890	19,768		

Estimates as of end of current month. Totals may not add because of rounding. 1. Sales of farm products include receipts from commodities placed under nonrecourse CCC loans, plus additional gains realized on redemptions during the period. Information contact: Roger Strickland (202) 694-5592. To receive current monthly cash receipts contact Larry Traub at (202) 694-5593 or ltraub@econ.ag.gov

Table 35—CCC Net Outlays by Commodity & Function

	Fiscal year									
	1991	1992	1993	1994	1995	1996	1997	1998	1999 E	2000 E
<i>\$ million</i>										
COMMODITY/PROGRAM										
Feed grains:										
Corn	2,387	2,105	5,143	625	2,090	2,021	2,587	2,873	4,894	3,087
Grain sorghum	243	190	410	130	153	261	284	296	474	311
Barley	71	174	186	202	129	114	109	168	316	148
Oats	12	32	16	5	19	8	8	17	32	20
Corn and oat products	9	9	10	10	1	0	0	0	0	0
Total feed grains	2,722	2,510	5,765	972	2,392	2,404	2,988	3,354	5,716	3,566
Wheat and products	2,805	1,719	2,185	1,729	803	1,491	1,332	2,187	2,918	1,291
Rice	867	715	887	836	814	499	459	491	707	433
Upland cotton	382	1,443	2,239	1,539	99	685	561	1,132	1,629	781
Tobacco	-143	29	235	693	-298	-496	-156	376	-254	-143
Dairy	839	232	253	158	4	-98	67	291	435	528
Soybeans	40	-29	109	-183	77	-65	5	139	450	2,339
Peanuts	48	41	-13	37	120	100	6	-11	1	0
Sugar	-20	-19	-35	-24	-3	-63	-34	-30	-48	-41
Honey	19	17	22	0	-9	-14	-2	0	1	-1
Wool and mohair	172	191	179	211	108	55	0	0	6	-6
Operating expense ¹	625	6	6	6	6	6	6	5	4	4
Interest expenditure	745	532	129	-17	-1	140	-111	76	152	181
Export programs ²	733	1,459	2,193	1,950	1,361	-422	125	212	960	1,014
1988/98 Disaster/tree/livestock assistance	121	1,054	944	2,566	660	95	130	3	2,609	4
Conservation Reserve Program	0	0	0	0	0	2	1,671	1,693	1,508	1,578
Other conservation programs	0	0	0	0	0	7	105	197	309	366
Other	155	-162	949	-137	-103	320	104	28	1,101	531
Total	10,110	9,738	16,047	10,336	6,030	4,646	7,256	10,143	18,204	12,425
Function										
Price support loans (net)	418	584	2,065	527	-119	-951	110	1,128	55	982
Cash direct payments: ³										
Production flexibility contract	0	0	0	0	0	5,141	6,320	5,672	5,544	5,042
Marketing loss assistance	0	0	0	0	0	0	0	0	3,058	0
Deficiency	6,224	5,491	8,607	4,391	4,008	567	-1,118	-7	0	0
Diversion	0	0	0	0	0	0	0	0	0	0
Dairy termination	96	2	0	0	0	0	0	0	0	0
Loan deficiency	21	214	387	495	29	0	0	478	1,804	2,713
Other	0	140	149	171	97	95	7	416	288	10
Conservation Reserve Program	0	0	0	0	0	2	1,671	1,693	1,508	1,578
Other conservation programs	0	0	0	0	0	0	85	156	260	310
Noninsured Assistance (NAP)	0	0	0	0	0	2	52	23	67	89
Total direct payments	6,341	5,847	9,143	5,057	4,134	5,807	7,017	8,431	12,529	9,742
1988-98 crop disaster	6	960	872	2,461	584	14	2	-2	2,375	0
Emergency livestock/tree/DRAP										
livestock indemn/forage assist.	115	94	72	105	76	81	128	5	234	4
Purchases (net)	646	321	525	293	-51	-249	-60	207	737	11
Producer storage payments	1	14	9	12	23	0	0	0	0	0
Processing, storage, and transportation	240	185	136	112	72	51	33	38	84	42
Export donations ocean transportation	50	139	352	156	50	69	34	40	681	65
Operating expense ¹	625	6	6	6	6	6	6	5	4	4
Interest expenditure	745	532	129	-17	-1	140	-111	76	152	181
Export programs ²	733	1,459	2,193	1,950	1,361	-422	125	212	960	1,014
Other	190	-403	545	-326	-105	100	-28	3	393	380
Total	10,110	9,738	16,047	10,336	6,030	4,646	7,256	10,143	18,204	12,425

1. Does not include CCC Transfers to General Sales Manager. 2. Includes Export Guarantee Program, Direct Export Credit Program, CCC Transfers to the General Sales Manager, Market Access (Promotion) Program, starting in FY 1991 and starting in FY 1992 the Export Guarantee Program - Credit Reform, Export Enhancement Program, Dairy Export Incentive Program, and Technical Assistance to Emerging Markets. 3. Includes cash payments only. Excludes generic certificates in FY 86-96. E=Estimated in the FY 2000 President's Budget which was released on February 1, 1999 based on November 1998 supply and demand estimates. The CCC outlays shown for 1996-2000 include the impact of the Federal Agricultural Improvement and Reform Act of 1996, which was enacted April 4, 1996. Minus (-) indicates a net receipt (excess of repayments or other receipts over gross outlays of funds). Information contact: Richard Pazdalski Farm Service Agency - Budget at (202) 720-3675 c Richard_Pazdalski@wdc.fsa.usda.gov. Further detail can be found at www.fsa.usda.gov/dam/BUD/bud1.htm

Food Expenditures

Table 36—Food Expenditures

	Annual			1998		1999		Year-to-date cumulative		
	1996	1997 P	1998 P	Nov	Dec P	Jan P	Nov	Dec P	Jan P	
<i>\$ billion</i>										
Sales ¹										
At home ²	367.6	380.2	394.2	33.4	35.7	29.3	358.5	394.2	29.3	
Away from home ³	288.5	297.9	301.7	24.7	25.3	24.0	276.4	301.7	25.3	
<i>1995 \$ billion</i>										
Sales ¹										
At home ²	367.4	371.0	377.4	31.8	33.9	27.8	343.5	377.4	27.8	
Away from home ³	288.5	289.7	286.0	23.2	23.7	22.5	262.3	286.0	22.5	
<i>Percent change from year earlier (\$ billion)</i>										
Sales ¹										
At home ²	3.8	3.4	3.7	3.4	0.2	-5.3	4.0	3.7	3.0	
Away from home ³	2.7	3.0	1.3	4.1	1.5	3.3	1.3	1.3	1.4	
<i>Percent change from year earlier (1995 \$ billion)</i>										
Sales ¹										
At home ²	0.1	1.0	1.7	1.2	-1.9	-6.3	2.1	1.7	1.1	
Away from home ³	0.3	0.2	-1.3	1.5	-1.0	0.9	-1.3	-1.3	-1.1	

R = Revised. P = Preliminary. 1. Food only (excludes alcoholic beverages). Not seasonally adjusted. 2. Excludes donations and home production.

3. Excludes donations, child nutrition subsidies, and meals furnished to employees, patients, and inmates. *Information contact: Annette Clauson (202) 694-5373*

Note: This table differs from Personal Consumption Expenditures (PCE), table 2, for several reasons: (1) this series includes only food, excluding alcoholic beverages and pet food which are included in PCE; (2) this series is not seasonally adjusted, whereas PCE is seasonally adjusted at annual rates; (3) this series reports sales only, but PCE includes food produced and consumed on farms and food furnished to employees; (4) this series includes all sales of meals and snacks, while PCE includes only purchases using personal funds, excluding business travel and entertainment.

For a more complete discussion of the differences, see "Developing an Integrated Information System for the Food Sector," ERS Agr. Econ. Rpt. No. 575, Aug. 1987.

Transportation

Table 37—Rail Rates; Grain & Fruit-Vegetable Shipments

	Annual			1997			1998			
	1996	1997	1998	Dec R	Jul R	Aug R	Sep R	Oct R	Nov	Dec
Rail freight rate index¹										
(Dec. 1984=100)										
All products	111.5	112.1	113.4	112.6	113.6	113.5	113.7	113.4	113.3	113.1
Farm products	115.9	120.3	123.8	124.4	124.9	124.9	124.7	120.9	121.1	123.8
Food products	108.8	107.6	107.4	108.5	106.5	106.5	106.5	107.2	107.2	107.4
Grain shipments										
Rail carloadings (1,000 cars) ²	25.2	23.2	22.8	23.0	21.4	22.3	21.7	26.5	24.9	22.8
Barge shipments (mil. ton) ^{3,4}	3.1	2.6	3.0	--	3.6	3.7	1.4	3.3	4.6	3.5
Fresh fruit and vegetable shipments⁵										
Piggy back (mil. cwt)	1.1	1.1	0.9	0.8	0.8	0.6	0.9	0.8	0.8	0.9
Rail (mil. cwt)	1.6	1.7	1.2	1.7	1.5	0.4	0.8	1.3	1.5	1.4
Truck (mil. cwt)	35.7	42.6	42.3	39.0	43.0	39.6	36.3	41.2	40.2	40.6

P= Preliminary. R = Revised. -- = Not available. 1. Department of Labor, Bureau of Labor Statistics. 2. Weekly average; from Association of American Railroads. 3. Shipments on Illinois and Mississippi waterways, U.S. Corps of Engineers. 4. Annual 1996 is 7-month average. 5. Agricultural Marketing Service, USDA. *Information contact: Jenny Gonzales (202) 694-5296*

Indicators of Farm Productivity

Table 38—Indexes of Farm Production, Input Use, & Productivity¹

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
1992=100										
Farm output	88	83	89	94	94	100	94	107	101	106
All livestock products	92	93	94	95	98	100	100	108	110	109
Meat animals	95	97	97	96	99	100	100	102	103	100
Dairy products	94	96	95	98	98	100	99	114	115	115
Poultry and eggs	81	83	86	92	96	100	104	110	114	119
All crops	86	75	86	92	92	100	90	106	96	103
Feed crops	84	62	85	88	86	100	76	102	83	98
Food crops	84	76	83	107	82	100	96	97	90	93
Oil crops	88	72	88	87	94	100	85	115	99	107
Sugar	95	91	91	92	96	100	95	106	98	94
Cotton and cottonseed	92	96	75	96	109	100	100	122	110	117
Vegetables and melons	90	81	85	93	97	100	97	113	108	112
Fruit and nuts	95	102	98	97	96	100	107	111	102	102
Farm input ¹	101	100	100	101	102	100	101	102	101	100
Farm labor	101	103	104	102	106	100	96	96	92	100
Farm real estate	100	100	102	101	100	100	98	99	98	99
Durable equipment	120	113	108	105	103	100	97	94	92	89
Energy	102	102	101	100	101	100	100	103	109	104
Fertilizer	106	97	94	97	98	100	111	109	85	89
Pesticides	92	79	93	90	100	100	97	103	94	106
Feed, seed, and purchased livestock	97	96	91	99	99	100	101	102	109	95
Inventories	102	98	93	97	100	100	104	99	108	104
Farm output per unit of input	87	83	90	93	92	100	94	105	100	106
Output per unit of labor										
Farm ²	87	81	86	92	89	100	98	111	110	106
Nonfarm ³	95	95	96	96	97	100	100	101	--	--

Values for latest year preliminary. 1. Includes miscellaneous items not shown separately. 2. Source: Economic Research Service. 3. Source: Bureau of Labor Statistics. *Information contact: John Jones (202) 694-5614*

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact USDA's Target Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

Food Supply & Use

Table 39—Per Capita Consumption of Major Food Commodities¹

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<i>Lbs.</i>										
Red meats ^{2,3,4}	119.5	115.9	112.3	111.9	114.1	112.2	114.8	115.1	112.8	111.0
Beef	68.6	65.4	63.9	63.1	62.8	61.5	63.6	64.4	65.0	63.8
Veal	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	1.0	0.9
Lamb & mutton	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
Pork	48.8	48.4	46.4	46.9	49.5	48.9	49.6	49.0	45.9	45.6
Poultry ^{2,3,4}	51.9	53.9	56.3	58.3	60.8	62.5	63.3	62.9	64.4	64.8
Chicken	39.6	40.9	42.4	44.2	46.7	48.5	49.3	48.8	49.8	50.9
Turkey	12.4	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9
Fish and shellfish ³	15.1	15.6	15.0	14.8	14.7	14.9	15.1	14.9	14.7	14.5
Eggs ⁴	31.8	30.5	30.2	30.1	30.3	30.4	30.6	30.2	30.5	30.7
Dairy products										
Cheese (excluding cottage) ^{2,5}	23.7	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0
American	11.5	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0
Italian	8.1	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0
Other cheeses ⁶	4.1	4.3	4.5	4.6	4.7	5.0	5.0	5.0	5.0	5.1
Cottage cheese	3.9	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7
Beverage milks ²	222.3	224.2	221.8	221.1	218.3	213.4	213.6	209.8	210.0	206.9
Fluid whole milk ⁷	105.7	97.5	90.4	87.3	84.0	80.1	78.8	75.3	74.6	72.7
Fluid lower fat milk ⁸	100.5	106.5	108.5	109.9	109.3	106.6	106.1	102.6	101.7	99.8
Fluid skim milk	16.1	20.2	22.9	23.9	25.0	26.7	28.7	31.9	33.7	34.4
Fluid cream products ⁹	7.6	7.8	7.6	7.7	8.0	8.0	8.1	8.4	8.7	9.1
Yogurt (excluding frozen)	4.5	4.2	4.0	4.2	4.2	4.3	4.7	5.1	4.8	5.1
Ice cream	17.3	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.2
Lowfat ice cream ¹⁰	8.0	8.4	7.7	7.4	7.1	6.9	7.6	7.5	7.6	7.9
Frozen yogurt	--	2.0	2.8	3.5	3.1	3.5	3.5	3.5	2.6	2.1
All dairy products, milk equivalent, milkfat basis ¹¹	582.5	563.8	568.4	565.6	565.9	574.1	586.0	584.4	575.5	579.8
Fats and oils-total fat content	63.6	60.8	62.8	65.4	67.4	70.2	68.6	66.9	65.8	65.6
Butter and margarine (product weight)	14.8	14.6	15.3	15.0	15.4	15.8	14.7	13.7	13.5	12.8
Shortening	21.5	21.5	22.2	22.4	22.4	25.1	24.1	22.5	22.3	20.9
Lard and edible tallow (direct use)	2.6	2.1	2.4	3.1	4.1	3.9	4.7	4.9	5.3	4.7
Salad and cooking oils	26.3	24.4	24.8	26.7	27.2	26.8	26.3	26.9	26.1	28.7
Fruits and vegetables ¹²	635.9	657.3	656.3	660.5	661.1	685.1	689.1	690.4	706.1	710.8
Fruit	272.8	279.1	273.5	266.6	268.0	285.4	284.3	285.4	289.8	294.7
Fresh fruits	120.9	122.8	116.3	113.0	123.5	124.9	126.5	124.6	129.0	133.2
Canned fruit	21.1	21.3	21.0	19.8	22.9	20.7	21.0	17.5	18.8	20.5
Dried fruit	14.9	13.2	12.1	12.3	10.8	12.6	12.9	12.8	11.4	10.8
Frozen fruit	3.6	3.9	3.7	3.6	3.7	3.6	3.6	4.0	3.8	3.5
Selected fruit juices	112.0	117.6	120.1	117.6	106.4	123.3	119.9	126.2	126.6	126.1
Vegetables	363.1	378.2	382.8	393.9	393.2	399.8	404.8	405.0	416.2	416.0
Fresh	167.4	172.2	167.2	167.2	171.1	171.9	177.4	175.1	181.8	185.6
Canning	94.8	102.4	110.7	113.3	111.6	112.1	107.8	110.2	108.5	105.9
Freezing	64.2	67.6	66.8	72.7	70.8	75.1	79.5	79.9	83.9	81.5
Dehydrated and chips	29.2	29.8	31.0	32.8	31.5	32.9	31.7	31.3	34.0	34.5
Pulses	7.5	6.3	7.1	7.8	8.2	7.7	8.5	8.5	8.0	8.5
Peanuts (shelled)	6.9	7.0	6.0	6.5	6.2	6.0	5.8	5.7	5.7	5.8
Tree nuts (shelled)	2.3	2.2	2.4	2.2	2.2	2.2	2.3	1.9	2.0	2.2
Flour and cereal products ¹³	175.5	174.5	182.0	183.6	186.2	191.0	194.0	192.5	198.4	200.1
Wheat flour	131.7	129.6	136.0	136.9	138.8	143.3	144.5	141.8	148.8	149.7
Rice (milled basis)	14.3	15.2	16.2	16.8	17.5	17.6	19.2	20.1	18.9	19.5
Caloric sweeteners ¹⁴	132.7	133.1	137.0	137.9	141.2	144.4	147.4	149.9	150.7	154.1
Coffee (green bean equiv.)	9.8	10.1	10.3	10.3	10.0	9.1	8.2	8.0	8.9	9.3
Cocoa (chocolate liquor equiv.)	3.8	4.0	4.3	4.6	4.6	4.3	3.9	3.6	4.2	4.1

-- = Not available. 1. In pounds, retail weight unless otherwise stated. Consumption normally represents total supply minus exports, nonfood use, and ending stocks. Calendar-year data, except fresh citrus fruits, peanuts, tree nuts, and rice, which are on crop-year basis. 2. Totals may not add due to rounding. 3. Boneless, trimmed weight. Chicken series revised to exclude amount of ready-to-cook chicken going to pet food as well as some water leakage that occurs when chicken is cut up before packaging. 4. Excludes shipments to the U.S. territories. 5. Whole and part-skim milk cheese. Natural equivalent of cheese and cheese products. 6. Includes Swiss, Brick, Muenster, cream, Neufchatel, Blue, Gorgonzola, Edam, and Gouda. 7. Plain and flavored. 8. Plain and flavored, and buttermilk. 9. Heavy cream, light cream, half and half, eggnog, sour cream, and dip. 10. Formerly known as ice milk. 11. Includes condensed and evaporated milk and dry milk products. 12. Farm weight. 13. Includes rye, corn, oats, and barley products. Excludes quantities used in alcoholic beverages, corn sweeteners, and fuel. 14. Dry weight equivalent.

Information contact: Jane E. Allshouse (202) 694-5449



Forecasting in the New Millennium

The 10th Federal Forecasters Conference

**BLS Conference & Training Center
Washington, DC
Thursday, June 24**

Operating in an environment of change

- *Keeping forecasts reliable, relevant, and responsive*
- *Addressing the needs of policy makers and a global public audience*
- *Communicating information more effectively*
- *Reexamining the role of Federal forecasters in an information-based economy*

Sponsoring agencies

Bureau of the Census • Bureau of Economic Analysis

Bureau of Health Professions • Bureau of Labor Statistics

Department of Veterans Affairs • **Economic Research Service**

Health Care Financing Administration • Immigration and Naturalization Service

National Center for Education Statistics • U.S. Geological Survey

Open to the public –no charge to attend

Information on registration:

Debra Gerald (202) 219-1581 or Debra_Gerald@ed.gov.

Registration deadline April 30, 1999

General information:

<http://ifsm2.ifsm.umbc.edu/ISF/FFC99.pdf>

Federal agencies and employees as well as other professionals are invited to present papers and/or organize conference sessions.

Send brief abstract(100 words or fewer) by March 19 to khamrick@econ.ag.gov

STAY FOR THE WEEKEND

Attend the **19th International Symposium on Forecasting**

June 27-30, Washington, DC

<http://ifsm2.ifsm.umbc.edu/ISF/>